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# DATA PROCESSING BRANCH USAFETAC Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

KELNEDI SFACE DIMIER FL II 28 37 W 80 41 FLD ELEV 9 FT WBAN #12886

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in. To A-c row Houldy obs: DEC 68 - DEC 70, JAN 73 - NOV 80

FOR FROM DAILY OBS: AUG 50 - DEC 52, JAN 57 - NOV 80

TIME CONVERSION GMT TO LST: -5

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FEDERAL BUILDING ASHEVILLE, N. C.

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This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the Mational Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

WAYNE 15. MCCOLLOM, Chief Technical Information Section USAFETAC/TST

FOR THE COMMANDER

WALTER S. BURGHAIN

AWS Scientific and technical Information Officer (STINFO)

TICLASSIFIED REPORT DOCUMENTATION PAGE BEFOR BLOOK ST NUMBER Z. GOVT ACCESSION NO. USAFETAC/DS-81/062 TITUE . Id Substite) TYPE OF REPORT & PERIOD COV. RED Revised Uniform Summary of Surface Weather Final rept. Observations (RUSSWO)-6. PERFORMING ORG. REPORT NUMBER KENNEDY SPACE CENTER, FLORIDA · UT HOHES B. CONTRACT OR GRANT NUMBER 3 USAFETAC/OL-A PROGRAM ELEMENT, PROJECT AREA & WORK UNIT NUMBERS Air Force Environmental Technical Appl. Center Scott AFB IL 62225 USA -ETACTOBO OFFICE NAME AND ADDRESS 12. REPORT DATE Air Weather Service (MAC) Scott AFB IL 62225 13 NUMBER OF A A NITORING AGENCY NAME & ADDRESSOI different from Controlling Utilize, UNCLASSIFIED TEA SEC LASSIFICATION DOANGHER TO SEMEDULE 1 THIS I ON STATEMENT OF THE Report) Approved for public release; distribution unlimited. STRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report S PPLEMENTARY NOTES \*RUSSWO Continue on Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometeric surmary Surface Winds Extreme temperature Ceiling versus visibility Relative Humidity \*Climatological data (over) This report is a six-part statisitical summary of surface weather observations for KENNEDY SPACE CENTER, CAPE CANAVERAL, FLORIDA It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric

Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD 1 JAN 73 1473

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SECURI Y CLASSIFICATION OF THIS PAGE (When Date Entered)

HINCLASSIFICATION OF THIS PAGE When Date Entered)

19. Percentage frenquency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

\*FLORIDA

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Date Entered)

This product was produced by using data from Cape Canaveral (XMR) and Kennedy Space Center (X68). The period of record for XMR extends to Mar 1978 and then data is from X68. Our recent study revealed no significant statistical differences in weather parameters in this area. However there may be small variations in extreme values from one station to the next. Use the extreme values with caution. These pages are stamped:

"USE WITH CAUTION SEE FIRST PAGE"

PATA PROCESSING DIVISION UNAFETAC OL-1 AIR WEATHER SERVICE (MAC)

# REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

#### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

#### DAILY OBSERVATIONS

Taily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

#### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U.S. Carvices and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

#### STANDARD 3.HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

# MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from burnly observations.

JARKSRY APRIL JULY	
FEMIURY MAY AUGUST	HOVEMBER
MARCH JUNE SEPTEMBER	DECEMBER

1

ATTON N	C ON SUMMARY	STATION NAME		LATIT	UDE	ONGITUDE	FIELD ELEV	FT1 CALLS	(GN	
1286	8	Cape Canaveral Florida		N 2	8 28	W 080 33	10	M.,	R	74794
		STATION LOCATION	A NC	ND II	NSTRU	MENT	ATION	HIST	ORY	
ABER Of		GEOGRAPHICAL LOCATION & NAME	TYPE	AT THIS I	OCATION		LONGITUDE	ELEVATIO	N ABOVE MSL	OBS PER
ATION		GEOGRAPHICAL EUCATION & NAME	STATION	FROM	TO	LATITUDE	LUNGITUDE	FIELD (FT)	HT. BARO.	DAT
1.		naveral Florida (Longrange Ground)	AFS	Aug 50	Jan 53	N 28 28	w 080 33	14	17 ft	24
2.	Same		Same	Feb 53	Feb 54	Same	Same	Same	Same	24
3.	Same		Same		Oct 56	Same	Same	10	Same	9-12
4.	-	naveral Florida	Same	l .	Mar 64	N 28 29	Same	Same	16 ft	1
5.	Cape Ke Same	nnedy AFS Florida	Same Same		Mar 70 Feb 78	Same N 28 28	Same Same	Same Same	Same Same	24
ABER	DATE	SURFACE WIND	EQUIPMENT	INFORMATION		<u> </u>		<u> </u>	<u> </u>	<u> </u>
OF ATION	OF CHANGE	LOCATION		TYPE OF	TYPE OF	HT ABOVE	REMARKS, AD	NENT, OR REA	SON FOR CHANG	
	UNANGE	2000000		TRANSMITT	ER RECORDER	GROUND	<del> </del>			
1.	Aug 50	Located on top of weather	station	GMQ-1	ML-204E					
2.	Mar 54	Located on the NE corner o	f the	GMQ-17	Same	49 ft				
,		weather station	a to a to do a co	,   ,	C =	35 ft				
3.	Apr 56	Located on top of weather  1. Located on roof of inf		Same Same	Same Same	35 ft 36 ft				
4.	Apr 58	shelter	Tation			1				
		2. Same		-	rt Stewart	33 ft				
- 1				Type	Туре					
		3. Same		Friez Same	ML 141-	-5 34 ft				
	TAC FORM		·							

NUMBER	DATE	SURFACE WIND EQUIPMENT INF	ORMATION			
OF OCATION	OF CHANGE	LOGATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT. OR REASON FOR CHANGE
5.	Apr 62	l. Located on roof of inflation shelter	GMQ-1A	ML-204B	36 ft	
		2. Same	Friez	M 141-5	34 ft	
6.	Apr 63	Located on roof of inflation shelter	Same	Same	Same	
7.	Apr 67	Located on roof of inflation shelter which adjoins weather station on E side	Same	Same	Same	
8.	Mar 79	Same	Same	Same	Same	
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#### PART A

# WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 8. By month, all years combined, by standard 3-hour groups.

A percent value of ".6" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and vaterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jam 68 and later. (Snow pellets also known as soft hail)

Sail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomens occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

A - 1

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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GLORAL CEIMATOLOGY BRANCH Charltag Al Alathra Service/Mac

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# **WEATHER CONDITIONS**

1 5.	KENNEDY SPACE CENTER FL	69-70,73-30	۵, ۴
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF COCURRENCE OF WEATHER CONMITTIONS FROM HOUSELY COSSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND: OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JA".	1.0 = 4.2	• 1	3.5				3.5	3.6					137
	63-03		5.7				5.7	7.5				7	- 5
	`6-18	• 1	4.1				4.2	15.7				::.7	930
	.9-11		3.4				3.5	4.5	• '				• 5 "
	12-14	• 2	0.3			1	0 • 3	اڌ •	• 1				. ; -
	15-17	• 2	3.9				3.9	• 4	•.2			.:	j.r
	18-20	. 6	4.1				4.0	• 4	• [			1.4	٥ ;
	_1-23	• 2	3 • 2				3.2	2•1					
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TOTALS		• 2	4.3				4 • 3	4.7	• 6			1.	7 - 4

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**WEATHER CONDITIONS** 

17 AL KANEDY SPACE CENTER FL 69-7 ,73-A

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STATION

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOUSELY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND. OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
ج ر ′ر	. n = s_		3.4				3.4	3 • 2	• 5,			3.7	546
	ù3 <b>÷</b> 05		3 • 4				3.4	5	• 4			0.3	č46
	_6-03		4.7				4 • 7	11.6	• 7			12.2	546
	19-11	• 2	4.9		-		4.5	\$.0	1.4			t • 3	346
	12-14	• 5	3 • 7				3.7	• 4	• 5			l • Ž	₹46
	15-17	. 4	4.5				4.5	1.2	• 5			1 . 7	346
	13-20	• 2	4.4		_		4.4	2.4	• 6			3.	<b>246</b>
	∴1-23	. 4	6.0				6.7	2 • □	• 7			: • 7	846
												!	
TOTALS		• 2	4.4				4.4	4 <b>.</b> i	• 7			4.1	6708

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# **WEATHER CONDITIONS**

1 -3% AINNEDY SPACE CENTER FL 69-7 ,73-60

STATION

2

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONCITIONS FROM HOUSELY CASERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
u <u>L</u> '-	n=63	• 5	5.3				5.3	1 • 5		_		1.5	6.5 6
	J3-03	.8	4.0				4.	<b>5</b> • •				5.42	427
	( <b>6-</b> 09	. 4	3.∩				3.2	11.4	• 4			11.0	727
	9-11	• 3	1.5				1.9	2.5	1.5			3.9	930
	12-14	. 4	3.4				3.4	• i				• •	:30
	15-17	• 3	4.1				4 • 1	• 6	. 4			1.1	c 3 ^
	14-20	1.2	5.1				5.1	• 9	• 5			1.4	93 <sup>-</sup>
	21-23	1 • 4	4.5				4.5	• 4				• 4	93!
						<del></del>							
									<u>-                                   </u>		<u> </u>		
												<b>  -  </b>	
TOTALS		. 7	3.9				3.9	2.5	• 5			3.4	7432

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## **WEATHER CONDITIONS**

1 3 -KENNEDY SPACE CENTER FL 69-71,73-80

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HUCCLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
124	ພວ-ຍາ	• 6	1.1				1	• b				. 8	950
	.3 <b>-</b> 05	• 1	1.4				1.4	2 • 3				2.3	90C
	36-63	• 2	1.6		-		1.5	7 • C	• 3			7.3	4 ° €
	U9-11	. 7	2.1	_			2.1	1.1	1.4			2.4	910
	12-14	1.9	1.9				1.9	• 1	• 2			• 3	900
	15-17	1.0	2.9				2 • d	• 1	• 1			• 2	÷ L C
	18-25	. 8	1 . ?				1.3	• 1	• 2			• 3	59 <b>9</b>
	: 1 - 2 3	. 4	1.6				1.0	•1				• 1	900
								į					·
TOTALS		. 7	1.7				1.7	1.5	• 3			1.7	7199

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## **WEATHER CONDITIONS**

STATION	STATION NAME	YEARS	MONTH
17:86	KENNERY SPACE CENTER FL	69-7',73-0"	<b>.</b>

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
YAY.	0-03	. 8	1.4				1 • 4	ء ذ	• 6			• t	929
	63-65		• 3				• 8	ءَ •	• 3			• 5	435
	06-03	• 5	2.3				2.3	4 • 3	1.1			4.7	935
	U9-11	1.7	3.2				3.2	• 5	1.6			2.5	ع ۶ د
	12-14	6.1	5.5				ב • כ		1.2			1.2	930
	15-17	7.6	6.7				5.7	• 1	1.4		-	1.5	930
-	18-20	6.9	5.6			-	5.6	. 4	1.5			1.3	930
	21-23	2.8	<b>5.</b> 3				5 • 3	• 3	• 9			1.2	930
TOTALS		3.3	3.9				3.9	. 8	1.1			1.7	7439

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# **WEATHER CONDITIONS**

1 6 -	MENNERY SPACE CENTER FL	69-71,73-71	√ن ل
STATION	STATION NAME	YEARS	MONTH

PRICENTAGE FREQUENCY OF OCCUPRENCE OF FEATHER CONSISTIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
<b>.</b>	. 72	• 5	2.3				2 • 3	• 5	• 1			• 0	950
	u <b>3-</b> 00	. 4	2.4				2.4	1.3	. 1			1.4	900
	_6-C3	.0	3.1				3.1	3 • 4	2.4			5.4	900
	9-11	1.9	۷.1				2.1		1.4			1.4	900
	12-14	7.4	4.2				4		1.0			1.5	ગાદ
	15-17	14.3	6.3				9.3		• 2			• 2	950
	14-25	11.3	5 <b>.</b> 8				9.8	. 2	. 4			. 7	930
	.1-23	2.6	4.0				4.8	• 1	• 3			. 4	9,0
<u> </u>										-			
TOTALS		4.9	4.7				4 . 7	. 7	. 7			1.4	7200

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# **WEATHER CONDITIONS**

1 ~ = 8 &	KENNEDY SPACE CENTER FL	69-70,73-6	Jul
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOUPLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO, OF OBS.
JüL	uo-03	• 8	1.3				1 • 3	. 1	•0			. 0	۶۶۴
	<b>33-3</b> 5	• 1	. 4				. 4	. 3	• 5			. 9	931
	56-03	1.3	1.4				1.4	2 • 5	1.9			4 • 2	33r
	C9-11	2.6	2.7				2.7		1.6			1.	~ 3.7
	12-14	12.0	4.6				4.6		• £			• 6	930
	15-17	20.2	<b>ರ</b> • 7				å • 7	۰Ż	• 9			1.1	930
,	13-2-	12.7	8.7				3.7	٠ د	1.5			2.2	935
	21-23	4 • 3	3.3				3.3		• 5			• 5	935
								_					
TOTALS		6.8	3.9			-	3.9	• 5	1.0			1.4	7440

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# **WEATHER CONDITIONS**

1 1 2 c	KINNEDY SPACE CENTER FL	67-7',73-0'	AUT
STATION	STATION NAME	YEARS	MONTH

PEPCENTAGE FREQUENCY OF OCCURRENCE OF AEATHER CONDITIONS FROM HOURLY DESERVATIONS

MONTH	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR ORIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
4.0°	1,0-02.	1.3	1.3				1.3	• is	• i			. 9	935
	U3-25	1.3	1.8				1.5	1.6				1.6	930
-	16-18	• 8	1.2				1 • 2	3.1	. 8			2.7	931
1	9-11	2 • 8	2.8				2.8	• 1	. 9			1.5	537
	12-14	8.4	3.4				3 • 4		• 3			• 3	93r
	15-17	14.9	9.6				9.6	• 3	• 5			• 9	935
	14-25	e • 7	c.6				6.6	ć •	1.5			2.2	930
	21-23	2 <b>. 6</b>	2.4				2 • 4	• 3	• 2			• 5	931
TOTALS		5 • 1	3.6				3.6	. 6	• 6			1.4	7440

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GLCRAL CLIMATOLOGY BRANCH USAFLTAC AIT mEATHTR SERVICE/MAC

# **WEATHER CONDITIONS**

1 1 1 2 3	KONNEDY SPACE CENTER FL	69-70,73-80	< F to
STATION	STATION NAME	YEARS	HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF ACATHER CONSISTIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
. ر <u>د</u>	05-42	3 • 7	4.5				4.6	. 4	• 3			. 7	90 <b>c</b>
	1.3-15	2 • 4	4.7				4 • 7	. 9				. 9	9UD
	6.6 <b>-</b> 03	1.8	5.9				5.9	3 • €	• 7			3.7	910
	69-11	1.7	4 • 3				4.3		ذ ٠			• 7	900
-	12-14	6.6	5.2				5 • 2						9.0
	15-17	ۥ3	7.0				7.3		. 4			. 4	៤១៩
	18-20	6.8	9.1				9.1		• 6			.6	9
	/1-23	4.1	6.7				6.7	• 1	• 3			.4	9.0
	-		<del></del>										
	•												
TOTALS		4.4	5.9				5.9	• 6	• 3			• 4	7200

USAFETAC ,	PORM 0-10-5(OL A), PREVIOUS EDITIONS	OF THIS FORM ARE DESOLETE	 	
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# **WEATHER CONDITIONS**

1	· £ a	KENNEDY	LPACÉ	CENTER	FL
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69-70,73-80

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STATION

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STATION NAME

YEARS

MONTH

PEPCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND, OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
^ L T	CD-03	• 7	2.7				2.7	• 3				• 2	ଜନ୍ମ
	03 <b>−</b> 06	• 2	2•≎				2.1	1.5				1.5	935
	€ <b>6-</b> €8	• 5	4.4				4.4	4.9				4.	9.7.
	J9-11	• 2	3•9				3 • ♂	• 2	• :			.4	s 2 <b>c</b>
	12-14	1.0	5.4				5.4	• 3				• 3	430
	15-17	1.4	5.5				5 • 3	• 1				- 1	930
	13-20	1.6	5.4				5.4		• 4			• 4	928
	∠1-23	.9	3.9				3.9				<u>-</u>		929
									<del></del> -				
TOTALS		. 8	4 • 1				4 • 1	. 9	•1			1.0	7435

USAFETAC  $_{JUY\,64}^{FORM}$  0-10-5(QL A), previous editions of this form are desolete \_\_\_\_\_\_\_\_\_

CEUMAL CLIMATOLOGY BRANCH LOAFETAC Alo wrathom service/mac

# **WEATHER CONDITIONS**

1 %3r	RENNERY SPACE CENTER FL	69-70,73-60	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND; OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
467	. C = . 2		3.6				3 • ὑ	3 • 2	• 4			7.7	دڙم
	03-00	• 3	9 . ۋ				3.4	5 •				5.1	9_1
	36-38	• 1	3.2				3.2	3.6	• 1			5.0	91.0
	.9-11		3.9				3.9	2.6				2 • ë	925
	12-14	• 2	3.€				3.5		• 6			• 6	925
	15-17	• 8	4 • 2				4 • 2	• 3	1.1			1 • 4	900
	19-23	• 8	4.1				4 • 1	• 7	1.6			2 • 2	858
	21-23	. 7	4 • 2				4.2	1 • 2	• 9			2.0	897
TOTALS		• 4	3.9				3.9	2.7	.6			3.3	7195

	USAFETAC PORM 0-10-5(OL	Å), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE		
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CLCCAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

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# **WEATHER CONDITIONS**

1 1 85

KENNEDY SPACE CENTER FL

68-7 ,13-79

STATION

STATION NAME

MONTH

PEPCENTAGE FREQUENCY OF OCCUPRENCE OF LEATHER CONDITIONS FROM HOUSELY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
( LC	UU-02		4 • 2				4.2	5 • 1				1.2	932
	<b>63−</b> 00	• 1	4.3				4.3	7 • 1				7.1	G 30
	06-03		3.9				3.9	15.1				1 - 1	437
	[9 <b>-</b> 11	• 2	4.1				4.6	4.3	• 2			4.5	930
	12-14	. 4	5.7				5.7	•6	<u>-</u> _		•	.6	030
	15-17	• 6	<b>5 •</b> 5			<u>,                                     </u>	5.5	ه.				. 8	o 3 C
	18-20	. 1	4.7				4.7	1.3				1 • 3	948
	21-23		5 • 2				5.2	2 • 8				2.3	927
									·				
TOTALS		• 2	4.7				4.7	4	• 1			4 • 1	7435

USAFETAC PORM  $_{\rm JUY~64}$  0-10-5(OL A), previous editions of this form are obsolete

SLUFAL CLIMATOLDGY PRANCH UNAFETAC ATH WEATHER SERVICE/MAC

# **WEATHER CONDITIONS**

i at	KENNEDY PACE CENTER FL	53 <b>-7</b> 0,73-81	ELL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONFITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND: OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	ΔLL	• 2	4 • 3				4 . 3	4 • 7	· ta			4.1	744"
7 راء		• 2	4.4				4.4	4	. 7			4.6	6768
٠ Δ -		. 7	٥, د				3.9	2.5	• =			3.4	7452
* p ,:		. 7	1.7				1 • 7	1.5	• 3		-	1 . 7	7199
Y a Y		3.3	3.5				3.9	• 6	1.1			1.7	7439
July's		4.9	4.7				4.7	. 7	• 7			1.4	7265
Jul		6.8	3.9				3 • 9	• 5	1.0			1 • 4	7440
453		5 • 1	3•€				3.6	• 8	• 6			1.4	744~
1.0		4.4	5.9				5 • 9	. €	• 3			• 9	7210
rs r		. 8	4 • 1				4 + 1	• 9	• 1			1.0	7435
No V		. 4	3.9				3.9	2.7	• 6			3 . 3	7195
υΣC		• 2	4.7				4 . 7	4.0	• 3			4 • 1	7435
TOTALS		2.3	4 • 1				4 • 1	2 • G	• 5			7 • 5	97623

	USAFET AC RAY 64 0-10-5(QL A), PREVIOUS EXITIONS OF THIS FORM ARE CHSOLETE
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# PART A

# ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of <a href="days">days</a> rather than the <a href="percentage">percentage</a> of <a href="observations">observations</a>. Since more than one type of precipitation or more than one type of observation may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
  - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
  - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

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**EXWEATHER CONDITIONS** 

ATMOUPHERIC PHENOMINA

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MINALDY PACE CENTER FL (10-57, 57-80 STATION NAME

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YEARS

MONTH

# PORCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENSMER'S FROM DAILY DESCRIVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
<b>∪</b> 4 '\	CAILY	. 2	i∠•5		• 1		32.5	?. <b>.</b>	3.3			1.1	: 14
FLH		₹.4	34.5				34•0	25.6	4.4		• 1	, ·	1 7 %
9.2		9.4	73.1				₹3•1	21.0	4.0			33.0	z ∵ <b>t</b>
A 44 4		6.0	34.6				24.0	12.1	4.4		• 1	14.5	7 % 1
1.2.Y		21.1	30.7			.5	36.7	3.9	5 • 3			11.4	¢ 6
يار ل		43.8	47.5				47.9	7.6	3.5			7	75.
با ال		-1.5	45.5				45.5	5.2	2 • 2			5.9	: ^ b
41		46.4	45.8				45.8	7.9	2.4			3.4	s <u>3</u> 4
٠.:		32.7	66.9				56.9	5 • 6	2•.			7.5	J 1 C
CCT		12.4	46.3				46.3	8.6	2.3			10.4	330
NOV		3.7	?3.5				33.5	19.5	3.7			21.5	913
orc		3.0	35.4				35.4	24.0	2.1			24.5	175
TOTALS		20.6	39.4		• 1.	ن و	39.4	14.8	3.4		٠Ĉ	15.5	၎ည္မင္

USAFETAC FORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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US AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART B

# PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPPH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION ".00" equals none for the month (hundredths)

EXTREME DAILY SNOWFALL ".0" equals none for the month (tenths)

EXTREME DAILY SNOW DEPTH "O" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

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#### NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

#### Air Force Stations:

#### U. S. Navy and National Weather Service (USWB)

Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

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# **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF

STATION STATION NAME YEARS

						AM	OUNTS (II	NCHES)						PERCENT	TOTAL	MON	THLY AMO	DUNTS
PRECIP	NONE	TRACE	O1 .	.02- 05	06-10	.11 . 25	.26 - 50	\$1.1 00	1.01-2.50	2 51 5 00	5 01 10 00	10 01-20 00	OVER 20 00	OF DAYS	NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5.2.4	2534	3 5-4 4	4 5-6 4	6.5-10.4	10 5-15.4	15 5 25 4	25 5-50 4	OVER 50.4	MEASUR.	OF OBS	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	}	2	3	4.6	7.12	13-24	25-36	37-48	49-60	61-120	OVER 120	AMTS				
JAN	. •	•	:• 1	• •	· 4	• 1	٠,	. • .	١,					•				
FEB	•		• •	. • .	• 1	. •	· •	, ,	•	• '			ļ 		7		• •	•
MAR	•	•	. 1	. •	• *	5		3.0	•					1.			p. 1 /	• •
APR	•	•	. •	'• • i	• 1]	•	• -	١.	: •	• .		!		1	7 .	9	9.	
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אטנ	. •		: •	• 9	• •	/ • ÷	7.	. • 3	•		1			د • ٠ ـ ا	75.1	7	<u> </u>	• :
JUL	•	•	• 1	٠.٦	, ·	i • 7	«.	1	<u> </u>	• :	-   			₹.•1	:: :	ا ا	1.12	• •
AUG	٠.	1.1 • 7		ر ک مه به	4 • 1)	1.		4	4.	• :	• :		<u> </u>	34.4	'3		1	1
SEP	٠.	17.0	• 1	7 • 7	ч . /	: • 0	€.		4.	1.5			<u> </u>	44.5	817	• •	•	1.0
ост	•	1 4 6	; • B	7.1	• • -		1.4	ر ۽ ت	7.	. 4	•			34	3 3	4.73	14.5.	
NOV	<b>4</b> •	•	٠.	• 3	٠.;	; <b>.</b> .	:•'	3 <b>.</b> i	7,7	• 6	• 3			24 €	c 1	3.16	9 . · 4	η 4 t υ.
DEC		1	4.4	ز • ن	۰, 6	ч	9 • 1	?	1.2					23	77%	1.90	4.	
ANNUAL		• ,	2.3	5.0	. 4	5.4	4.7	4 . 3						2 / • 4	9,01	40.1	X	>

•	1210 WS	JUL 64	0-15-5 (OLI)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE	
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**EXTREME VALUES** BY CONTINUE

FROM DAILY OBSERVATIONS:

1. THE PRINCE Y SPACE CONTER FL. 1999, 57-8 YEARS

DA HOUR AMOUNTS IN INCHAS

MONTH YEAR	JAN	FEB.	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	ост	NOV	DEC	ALL MONTHS
:								÷ • 11	1.13		1.254	1.14	
: _	• 11	2.12	• 74	7.0 € 5.	1.58	1.45	• ? L	• = 4		2 • 5	1.54		
<del>-</del>	• 4 7	1.52	3.11	2 • •	• 5 1	• 0 3	• 75	1.70	4 . 3	4	.7.**	• 11	•
- 7	2.37	1.34	4.7	1.00	. • 9 £	1 . ? 2	2.11	1.75	1.67		ردة.	1.17	. •
	1.71	1.13	1.10	1.1	• 7 🖺	• f s	1.47	• Ġ .	1. 1.	1.63	1.39	1.	. •
	1.43	1.34	1.45	1.55	• 8 9.	1.72	2.33	7	1.4	1.	1.05	•	•
•	• 5 - 5	• ÷ 4	1.67	• 71	1.42	1.25	1.57	3.41	• 11	1.75	1		•
- 1 i	2.	• t• <b>t</b> i	• 5	• 44	• 7.3	2.31	<b>?</b> • 1. 3	2.36,	1.24	1	1.32	• _ :	. •
		1.10	1.3	• 30	• 04	2.46	2 • 2 3	1 • 51	2.64	1.3	1.7	• 1	
. :		2.5	• 5	• 🤊 1,	• 71	9 5	3.57	1.45	5 • ≥ 5	.72	7.59	. •7*	€.
့်မှ ်	1.37	. 99	1.7	• 71	1.27	. 7	2.24	• 41	4: 5	1.90	.42	. 5 3	
. 2	1.	1.50	1.6%	رد 1 خ	• . 3	1.75	. 39	1.17	• 8 ₹	1.	1.47	. 7 -	1.
5	1.	3.17	1.5	1.25	1.53	b . 6	.7.	2.68	1.24	1.12	.49		
6 ?	• 7 4	1.73	• 25	• 17	TPACE	1.28	2.52	. 9 5	1.75	• 7 -	17404		
,	• 2 5	1.60	1.75	. 67	1.12	4.34	1.37	1.02	1.72	5.20	.73	• : 1	
4 7	1 • 5	. 37	1.4.	• . 5	3.65	. 49	1.35	1.71	1.64	1 • 2 3	.92	1.40	
· i	ل 4 و ت	74	1.25	ن : ٠	1.38	• 17 9	1.44	1.1	• 5 7	• • •	•14		
7.		2 2	• 373	اِد 2 <b>،</b> 1	3.72	•58	.70	1.77	7.35	1. 6	1.59	1.17	<u>-</u>
7 = *	• 2 2	1 • 1	ा हैं • पूर्वा	73	1.33	3.21	1.35	1.25	.6.	2.51	4.00	• t = #	4.
7 ]	1.29	.78	1	. 6 %	. 75	1.68	1.12	1.21	2.51	1.93	.77	. 23 /	4.
		• 15	77	• 5.3	.71	1.32	2.85	1.55	1.10	1.64	.45	4	I <del>-</del>
75	• 5 a	. 45	• 75	• 'C	1.23	2.65	•51	1.45	2.61	1.7	• Z 3 l		
7	43	45	- 36	. 4 9	1.83	.70	.65	1.80	2.03	1.31	2.50	- 7	
7.7	- 33	• 7 S	. 1 -	• 1	•5€	.17	1.03	2.13	1.41	2.43	4.93	• H C	٠.
7.	1.2	1.97	1.42	• 3	1.45	3.09	2.43	.29	1.12	2.16	.43	1.67	
75	4.59	.59	• 95	. 4 3	1.49	2.27	1.36	1.97	3.6	1.23	1.75	7 :	4.
: *	17	1.53	• a c	1.43	7 • 1 4	1.34	7.50	1.09	• 9 0	• 5 3	1.9		
	· +-								-				
MEAN	1.23	1.3.3 .694	1.279	• 6 4 9	1.147	1.682	1.533	1.772	2.117	1.371	1.078	170 457	3.7
S. O.		735	1 • 6	7 7 7		1.93	• C 4	1.115	1.407	1.3.1			
OTAL OBS.	3 <b>4</b>	**************************************	= 0 (e) = 17 X (		31°6	727 1⊢1√ F	S <sup>*</sup> 5  ULL MC	835 NTESI	F 1	5.3	110	775	, t

USAF ETAC FORM 0-88-5 (OLA)

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# EXTREME VALUES ALAMEN TO STATISTICS !

· (FROM DAILY OBSERVATIONS)

STATION NAME

# TOTAL TY SEACT CONTER FL

STATION NAME

VEARS

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MONTH	JAN	FEB	MAR.	APR	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	All
YEAR													MONTHS
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\$. D.	2.6652	1.623	2.33	1.248	1.675	3.589		2.792	4.617	1.375	2 • च ठंध	1,179	5.6.78
TOTAL OSS.	n 34	735	ນ ີ 5	7 : .	3 ° 6	795	die	376	51	2.7 0	. 1	779	-51

NOTE \* CLASES ON LESS THAN FULL MENTHS!

USAF ETAC FORM 0-88-5 (OLA)

# **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF

STATION STATION NAME TEARS

						AM	OUNTS (	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP	NONE	TRACE	.01	02-05	06-10	11 - 25	26 50	51-1-00	1.01-2.50	2.51-5.00	5.01-10 00	10.01-20.00	OVER 20.00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1 0.4	0.5-1 4	1 5-2-4	2 5.3 4	3 5 4 4	4.5-6.4	6.5-10.4	10.5-15.4	15 5-25 4	25.5-50 4	OVER 50 4	MEASUR- ABLE	OF OBS.	MEAN	GREATEST	LEAST
SNOW. DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25.36	37-48	49-60	61-120	OVER 120	AMTS	i			
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use with the form See first page

# **EXTREME VALUES**

(FROM DAILY OBSERVATIONS)

STATION STATION STATION NAME YEARS

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USAF ETAC FORM 0-88-5 (OLA)

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FROM DAILY OBSERVATIONS

CONTHLY SNOWERLE

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TITAL MUNTHLY SNOWFALL IN INCHES

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OTAL OBS.	5:4	775	8.76	773	316	730	325	8.75	81.	831	-14	775	95

USAF ETAC FORM 0-88-5 (OLA)

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i e e	Constant		PERCENTAGE FREQUENCY OF
STATION	STATION NAME	YEARS	

						AM	OUNTS (I	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP	NONE	TRACE	01	02-05	06-10	11. 25	26 . 50	51.100	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	OF DAYS	TOTAL NO.	_	(INCHES)	
SNOWFALL	NONE	TRACE	0104	0.5-1.4	1.5-2.4	2534	3 5 4.4	4 5-6.4	6 5-10-4	10.5-15-4	15 5-25 4	25.5-50.4	OVER 50.4		OF OBS.	MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25.36	37 - 48	49-60	61-120	OVER 120	AMTS			OREA ILS	
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## **EXTREME VALUES**

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(FROM DAILY OBSERVATIONS)

STATION STATION AND STATION NAME YEARS

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USAF ETAC FORM 0-88-5 (OLA)

U S AIR FORCE
LIVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

#### PART C

## SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

These for more and standard feviations to but include peasurements from incomplete months.

DE TRU EUCH TOUCHE TRA GR Disk Tru Bio W. ATHOUSTHVICH ZMAC

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**EXTREME VALUES** 

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(FROM DAIL' OBSERVATIONS)

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		177 37					1	31/ 43	5/ (3)	3/ 33	1	77/ 3x	157
									15/ ?9			13/ 38	7/
-									11/ 25	2/ 32	_	6/ "7	221 0
	31/ 36	1										24/ 76	21/
	29/ 41				1		1	781 26	27 29	5/ 75		22/ 38	٠٠/ د
	_2 <b>c/ 4</b> 3		20/ 36				21/ 33			77/ 79		26/ 73	97 6
	117.33	24/ 35	77/ 42	26/ 17	31/ 41	22/ 42	22/ 50	<u> 20</u> 7 31	47 21	27 21	22/ 23	į į	
	<u> </u>	<b>.</b>	L										
	: :						1						
MEAN	33.0	39.5		33.					"6 • f	30.4	30.5	33.1	47
S. D.	517	4-	5.118	0.40	4	7.465			13.291	4.534	5.573	4.613	7.5
OTAL OSS.	. ان	617	5 2 2 2	600	67	o ₹ 5	651	661	637	670	647	045	73.

USAF ETAC TORMOBBS (OLA)

D (FACE) ON LOSS THAN FULL MONTHS AND +1.0 MNOTS)

EURAN CEFMATOECEM RAMICH Ummeetad Ben Rathan Service/Mad

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	MINYERY JOACE CENTER FL	65-75.75-05	• ·
STATION	STATION NAME	YEARS	MONTH
	$\lambda \in$	L .64T~63	r r=1_r;
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	i.4	1.5	1.1	1.1		<u> </u>						7. • 7	ಂ.€
NNE	• .7	• :	• 1	• 1								1.1	ć
NE	• <sup>(</sup> 4	• '1	. 4	• ?								1.5	5.5
ENE	• 3	•	• 4	• 1								1.0	4.9
E	• 3	2.	1.2	. 4								4.5	. • 1
ESE	1.5	1.	1 • 4	• 3									3
SE	2.7	1 . 2	1.3									5	-, 4
SSE	• 9	1.7	1.5										. • 6
S	3.7	3.1	2.5	1.^	• ]	•						10.9	U • 2
SSW	1.4	?•2	1 • 3	• 5								£ . 4	5.7
sw	1.4	• 9	• 5	• 1								₹•	· • 4
wsw	• 3	1.	• 3	• 2								2 • 3	• • 2
w	1.3	1.:	1.0	1.5	• 1							7 • .	7 .
WNW	. 3	2.7	2 • 2	1.6	• 0							. 9	• 7
NW	1.0	4.5	4.0	1.9	• ?				I			13-0	6.9
NNW	1.6	3.2	2 • 9	7.4								17.2	7.5
VARBL													
CALM		><	$\geq <$	$\supset <$	><	$\supset <$	><	><	><	$\supset <$		7.8	
	25.4	29.5	23.5	12.6	1.0	• 2			<del>,</del>			156.5	<b>3.</b> 3

TOTAL NUMBER OF OBSERVATIONS

TOTAL CUTYNTOLOGY PRANCH UTAR: TAC ATH ALATTHA SERVICEZMAG

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	-					ATE E							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 · 47	48 - 55	≥\$6	*	MEAN WIND SPEED
N	1.0	1.1	2.2	• 0	<del>                                     </del>		<del></del>	<del></del>	<del> </del>			<b>-</b> -	3.0
NNE		• 4						<del>                                     </del>		<del>                                     </del>			٠. د
NE		, ,	1	4			<u> </u>					1	7.3
ENE	, 4		3									1.2	4 . 2
E	1.		1.0							†		4.2	306
ESE	1.2		1.1	• 2								1.2	100
SE	1.7	1.2		. 2								3.	4.7
SSE	. 7	1.5	1.5	• 3					<del></del>			7.2	
\$	1.6	3•1	1.8	1.2		• 1	1					5.1	<b>5.9</b>
ssw	1.5	1.7	1.	۶.								4.9	غ و ن
sw	1.7	1.3	6									? • :	4.5
wsw	9	• 4	• 4	. 2								1.3	6.1
w	2.6	2•?	ء و	1.3	, 7							1.1	υ, 3
WNW	1.3	2.5	1.2	1.5								7.2	
NW	7.1	فوت	4 . 7	2.4				1				10.2	5.7

TOTAL NUMBER OF OBSERVATIONS

OCCUPATION STRUCTURE CHAPTER OF STRUCTURE CONTRACTOR O

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	KINNESY SMACE CENTER FE	66-7-17-2	J., 1
STATION	STATION NAME	YEARS	MONTH
		ALL ACATHER	e -1.551
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	1.	3.0	1.5	• 1							0.1	7.1
NNE	,		• *									1.2	4
NE	٠	• '	. 4	• ;								1.	5.5
ENE	• -	• 2	• €	• ?		i							3 . 5
E	1.	1.5	٠, ς	. 7								3.4	٠.٤
ESE	1.1	.;	. 6						<u> </u>				4.7
SE	1.2	.,	• t	• 3									1
SSE	1.1	1.7	1.5	• 5								- 4	تون
5	L 1.5	2.4	2.2	1.1				ļ	<del></del>	1		7.1	٠.6
ssw		2.1	1.1	. 9	• 1			_				. 1	7.
sw	1.7	1	9	. 2								- 4	غ د
wsw	1.7	4	_ 2	.6								. 6	5.7
w	4.1	1.9	0	3.	• 1							7.7	
WNW	2.7	2.2	1.7	1.0	• ĉ							7.7	
NW	2.0	4.9	4 . 1	2.5	• 1	• 1			<b>†</b>			14.9	7.1
NNW	2.5	5.3	3 5	2.5				<u> </u>				16.9	5 4
VARBL		-							<del> </del>			1 · · · · · · · · · ·	
CALM	$\times$	> <	> <	> <	>>	> <	>>	> <			> <	9.5	
	25.1	33.2	40.8	13.8		. 1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

.(USAL CLIMATOLOUY BRANCH ...safetac al afather service/mac

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	60-71,//	
	ALL	CLASS	9 7-11- HOURS (L.S.Y.)
		ONDITION	,

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1 c	1.	4.5	1.9	2							7.00	7 . 5
NNE		1.1	1.0	ρ			L					4	7.
NE	. 7	4	• 6	?		<u> </u>	Ī	İ				1.7	7.
ENE	,	• 4	1.5									2.2	7 . 3
E	_ ;	1.2	3.8	. 3			I					2.3	7.
ESE	3	1.5	• 3	7					L			2.5	7.
SE	. 3	1.2	1.5						L			3.0	6.
SSE	1.1	ć	2.9	2.3					<u> </u>	L		7 • L	3 . 8
S	1.0	1.4	3.5	2.7			L					4.7	9.0
ssw	. 4	3	1.6	1.4						<u> </u>		4.4	۶,
sw		1.2	1.6	, 5								4	7 • '
wsw			1.4	. 4					<u> </u>	L		2.0	<u>عود</u>
w	1.2	2.3	1.4	1.0			L	ļ	<u> </u>	L		5.9	5 .
WNW	3	1.3	2.6	2.2	- 3	l	<u> </u>	ļ		L		7.6	Ö
NW	1.5	2.4	4.6	3.4	- 4		Ī					1	3.6
NNW	1.4	3.4	5.2	4.0					L			14.6	. ÷ . i
VARSL													
CALM	><	><		><		$\supset <$	><	><	$\geq \leq$	$\supset <$	$\geq \leq$	₹.4	
	1107	21.5		23.2	3.2							100.4	7.

TOTAL NUMBER OF OBSERVATIONS

CLUCAL CLIMATOLOUM ARANCH COSTETAC AIT AFATOR C SERVICLAMAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17083	MINNERY SPACE CENTER FL.	69-75,13-4	C .	J£.
STATION	STATION NAME		YEARS	MONTH
		ALL ACATHER		1230-1411_
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		2.2	3.7	5.7								12.4	10.1
NNE	. 3	1.6	1.6	.6	<u> </u>							4.0	7.
NE	•	1.3	1.7	1.5		Ĺ		L				4.4	. j • .
ENE	. 4	1 • €	1.7	. 4	<u> </u>	L						4.2	4.7
E	. 7	1 • ć	3.5	1.5								5.5	7.6
ESE	. 3	1.4	3.1	. 4								5.3	7.4
SE	1	1.0	2.5	, 9								4.4	5.5
SSE	_ 3		4.2	2.9		L							; . ti
S	L	1.;	2.3	3.8								5.6	5.6
ssw		1.5	1.6	1.5	• 1				L			4.5	9.3
sw		. 5	5.1	1.4				L				4.1	9.3
wsw		3	1.2	٠,٦	-1						_	3.1	5.5
w	r		2.7	1.6	. 4	. 4						2.3	15.4
WNW		ق و	2.3	2.2	_ 5							5.6	15.9
NW	1	1.5	2.5	1.7	.1		L				_	5.4	7.
NNW	2	1.3	2.4	6.1	. 4				l			11.5	13.3
VARBL							L						
CALM	X	$\times$	$\times$	$\times$	><	$\triangleright <$		><	$\geq <$	$\geq <$	><	1.2	
	4.7	18.4			2.9	5						166.0	9.2

TOTAL NUMBER OF OBSERVATIONS

CEUPAE CLIMATOLOUY PRANCH USAFETAS Al- Akathor Service/Mac

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	A ANERY DACE CELTER FL	63-72.77	YEARS	MONTH
		ALL ALAIHE >		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N		2.2	Ξ, ν	4.3								1.06	
NNE		2.1	1.7										404
NE		2.5	1.9	- 1								5	Ξ•
ENE	7	3,4	1.5	. 7								1.5	200
E	1.1	4.1	7.4	, <del>;</del>								5.4	
ESE	_ • •	2.9	7.7	• 3						<u> </u>		c • =	50€
SE	ب	2.5	4.7	1.0								7.3	7.4
SSE	- 4	2.0	7 C	7.00	. 1		 						7.
5	.4	ς	1.3	1.2	-1							500	- 4
ssw	.1		• 6	1.5								. 4	4
sw		ě ř.		1.2	1								1.,
wsw	26	• 4	, 9	• 6								قون ا	•
w	-3	1.	2.6	2.5	- 5	• 1						, , ,	11.1
WNW	عو ا	. 4	2.2	1.8	• ?							204	
NW			1.8	1.2								? • •	7.1
NNW	, 7	. 7	3.2	4.2	. 3				L			3.9	1.04
VARBL									L	<u></u>			
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	. 7	
	1.2	23.1	36.2	24.8	1.2	1	2					100.0	

TOTAL NUMBER OF OBSERVATIONS

UN AL CLIMATOLOUY CHARGE CLEETAC AS CRATICS SCHUILLMAC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	KINNERY MOACE CENTER FL		J.A
STATION	STATION NAME	YEARS	MONTH
		ALL REATHER	<u> 1500-2.51</u>
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.1	. 2. 7	1,5	1.	•1							10.9	t.
NNE	. le?	1.1	1.1									2.7	₹•.5
NE			1			[						2.	4.
ENE		2.1	1.2	• 2								2.6	4.9
E		? , 4	1.2	• 5							-	: . 4	4.5
ESE		2.3										5 . 7	4.2
SE		2.	1.5									1.7	4.7
SSE	1.7	2.5	3	1.3								: . 9	6.5
\$	1.4	1.7	. 5									4.2	5.5
55W		-	1.2	• 3								₹.6	7.2
sw		- 3	. 4	.1	• 1							2.2	6.7
wsw			• 1	.1								1.4	4.5
w	i • 2	2.,	leb	1.6		• .						7.7	7.7
WNW		1.7	2.2	1.5	2.7							6.3	9.4
NW		1.7	1.3	. 6								4.1	7.5
NNW		4.1	4 . 1	1.3	-1							12.2	7.2
VARBL													
CALM		$\geq \leq$	$\ge$	>>	$\times$	> <	><	$\geq <$	$\geq <$	><	> <	7.0	
	23.5	34.7	24.5	2 <b>.</b> B		. 2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 935

CELPAL CETHATOEBBY PRANCH USAFETAC All Afather Schwice/Mac

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	ALLANDRY PACE CENTER FL.	65-70.72-3.	MONTH
	<u></u>	CLASS	2100-250L HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.;	2.5	9		L.						7.1	, ,
NNE		2	. 5	4								7	0.1
NE	1.0	. 3	• ?			Ĺ						1.	3.5
ENE	1.1	1.3	1.1	• 1								2.3	5.4
E	1.5	2.2	1.9	• 3								c • 2	5.7
ESE	7.7	2.0	1.0	• 5								7.2	5.4
SE		2.5	.6									3.2	4.3
SSE	1.2	2 • 3	2.8	1.0							1	7.7	í.S
\$	1.9	2.7	2.3	1.0	• 1	• 7						2	€ • 4
SSW	1.2	1.1	. 4	• 1	• 1							. • 2	5.1
SW		• 3	. :	• 2								1.4	6 •
WSW	• 4	• !	.5	• 1								i.c	6
w	1.2	2 • ?	1.4	1.4	• 1		. 1					6.2	7 . 4
WNW	1.7	2 • 5	3.3	1.0								9.0	7.5
NW	2.2	2.5.	2.4	1.4	. 2							2.5	7
NNW		4.5	7.0	1.8								1:.3	<del>ن</del> -
VARBL													
CALM	$\supset <$	><	$\times$	$\times$	$\geq$		> <	> <		$\supset <$	><	3.5	
	24.0	30.1	25.4	11.2	- 5	. 2	.1					105.0	5.4

TOTAL NUMBER OF OBSERVATIONS

ELCHAL CLIMATOLOGY REARCH LIMITATOR AIT ALATHIR SERVICE/MAG

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TATION	KENNEDY SPACE CENTER FL.	63-76,75-30 YEARS	JA:
	<u>.</u>	LL WEATHE?	ALL HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	2.	3.2	2.2	• 1							₹.0	7.9
NNE	• 7	1.0	. 7	• 3	•							3.4	5.1
NE	. 6	. 9	0	• 3									0
ENE	.7	1.3	1.0	• 2								3.3	5.8
E	1.2	2.3	2.0	• 6					•			5.5	t • 2
ESE	1.2	1.6	1.6	• 3								4.7	5.8
SE	1.4	1.9	1.7	• 3					1			5.1	5.7
SSE	. 9	1.8	2.5	1.5	. 1		!			1		4.5	7.€
5	1.4	2.2	2.1	1.7	• 1	• 1						7.6	7.4
SSW	•В.	1.2	1.1	. 8	• 1							4.3	7.2
SW	• 7	. 3	. 9	• 5								3.5	٤.9
wsw	.6	. 6	• ć	- 4	• 1							2.3	7.
w	1.6	1.7	1.6	1.5	2	• 1			<del></del>			5.9	7.7
WNW	1.3	1.2	2.2	1.7	. 2							7.2	7.9
NW	1.7	2.8	3.2	2 • €	. 2	• ^						9.8	7.4
NNW	2.0	3 • 6	3.7	3.5	• 1				-			12.9	7.3
VARBL												<b> </b>	
CALM	$\geq$	$\geq \leq$	$\geq$	X	$\geq$	$\times$	$\times$	>>	$\geq$	$\times$	> <	5.9	
	13.2		29.5	17.6	1.2	2	a C					100.0	5 . 3

TOTAL NUMBER OF OBSERVATIONS 7445

GEOPAL CLIMATGLOCY BRANCH LHAFLTAC AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1_:85	KENNEDY SPACE CENTER FL	69-7-173-	<del></del>	
STATION	STATION NAME		YEARS	MONTH
		ALL BEATHER		_000201_
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 · 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.4	2.1	1.2	1.9								7.7	7
NNE	1.5	. 5		<b>.</b> 4								2.7	4.4
NE	. ?	•1		• 1									5.1
ENE	• ~	• 4	• 4									. 9	5.3
E	1.1	$-\frac{1}{1 \cdot 1}$	• 4	• 6								3 • 1	5.7
ESE	, p	G	• 3	. 4								3.1	5.9
SE	1.2	1.1	, 6	• 2	• 3							3.2	р. Гу
SSE	. 7	1.3	1.5	• 7	•							4.5	7.4
5	2.05	4 . 3	1.9	9	• 1							9.7	ن. ن
ssw	2.6	1.2	. 8	.2								4.5	4.5
sw	1.3	2.7	.7						I			4.7	4.7
wsw	1.5	1.7	1.1	. 5								4.7	5,7
w	2.5	5.6	2 . 2	1.1	1		<u> </u>					1:.2	2.1
WNW	3 • 1	4.7	1.9	1.4			<u> </u>					9.5	5.5
NW	1.1	4	4.4	2.7			L					14.5	7.2
WWW	1.7	3 • 3	1.9	1.2								7.6	6.7
VARBL													
CALM	$\geq <$	> <	$\geq <$	><	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	5.ºº	
	23.6	36.4	21.6	11.3	. 9	• 1						100.0	ه د

TOTAL NUMBER OF OBSERVATIONS

CLC AL SELMATOLOGY PRANCH CONTITAC Az AFATHOR SERVICIZMAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	ALANEBY SPACE CENTER FL	63-72,77-49	MONTH
	•	WEATHER CLASS	07.0-1300 HOURS (L.S.T.)
		CONDITION	

DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	2.7	1.5	1.7	. 5									
NNE	• ?	- 1	• 1	- 2								- 4	5 • €
NE	• 1	• 4	. ?	• 1								1.5	5.
ENE	•6	• •	• 5									1.5	4 . 0
E	1.2	1.7	• 6	• ?								3.7	4.
ESE	• 5	• 6	, c	• 2	• !	<u> </u>		~				1.7	7.
5E	۾	. 9	. 4	• 1								د. ۶	4.
SSE	. 5	. 6	. 9	. 7	• 1	_						2.	
S	1.5	2 • 2	3.	• 9	• 1							7.8	ö.
ssw	2.2	1.9	.7									J , 3	5.
sw	1.4	2.1	. 6	• 1					1			4.3	4
wsw	1.7	2.6	. 9	• 2	. 1			-				5.8	.50
w	2.7	5 . 2	1.7	. 4								5.9	5.
WNW	3.9	4 8	1.8	1.3	. 5							12.3	5 .
NW	2.3	6.7	4.8	2.5	. 1							17.5	٤.
NNW	1.5	5.7	3.0	1.5								11.7	0.
VARBL												1	
CALM	$>\!\!<$	> <	$\searrow$	$\mathbb{X}$	> <	> <	$\times$	> <		>	> <	4.8	

TOTAL NUMBER OF OBSERVATIONS

GEUHAE CEIMATOLOGY PANCH SCAFETAC All Weather Schvictymac

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	MINNEDY SPACE CENTER FL	69-76-71	YEARS	TE H
		CLASS CLASS		1550-0550 HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	17 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.	1.4	1.7									
NNE	. 4	ءَ و	1									1.1	
NE	. 5			. 4								1.63	_ ₺ •
ENE	. 7	7	. 7									4.1	.5.
E	1.2	1.2	. 5									2.5	Li .
ESE	. 4	a	Ę	• 5	• 1							2.7	7.
SE	. 7	د:	• 9	. 1								2.4	_ 5 •
SSE	6	5	. 9		<del> </del>				1			2.	5.
5	. 3	2.	2.5	1.9								7 • 3	7.
ssw	1.7	1.5	1.4	. 4								4.0	ა.
sw	1.5	1.7	1.5	• 2		T							
wsw	1.5	1.4	ع		<b>†</b>							1.3	4
w	3.0	2.6	1.3	• 6								7.7	_ ,
WNW	3.1	3.5	1.9	1.3								15.2	. 5 .
NW	2.6	8.5	5.8	3.9		<u> </u>						7 .7	7.
NNW	2.0	3.7	3.7	1.7	• 1							11.9	t.
VARSL					<del> </del>								
CALM	> <	> <	>	> <			> <	> <	> <		><	5.7	
	24.2	33.1	24.1	12.2	.7			<u> </u>				156.6	ے د

TOTAL NUMBER OF OBSERVATIONS

E. AL CLIMATOLICY HEARCH C. P. TAC ALATERR SERVICEMEN

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 2 -	ATANERY SPACE CENTER FL	07-70.77-0	1.5
STATION	STATION NAME	YEARS	MONTH
		L AMATHLE	≠~~=1.~1
		CLASS	HOURS (L.S.T.)
	<del></del>	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		1.5	4.5	5.7	• *_	L						1.02	1 3
NNE	نف	• 3	1.1	۲,	• 1.							3 <b>.</b> 3	ے ۔ ا
NE	• 1	•		• 1				_				1.4	5.
ENE	1 • 2	. 4	1.1	• ?								2.0	5.
E	. 5	• •	1.2	. 7								2.5	i • '
ESE	. 4		٥	٦								2.7	5.
SE			1.4	1.2	. 4							3.7	9.
SSE	. 1	- 4	1.2	1.2				` -				7.1	
5 7	4		2.6	3.4		• 1						7.3	15.
ssw	- 1	1.4	1.7	1.4	• 1							4.7	9.
sw	. 1	1.2	2.4	1.5								5.2	3.
WSW	4	1.5	1.3.	ç			i					ن. ن.	7.
w	- 73	2.2	1.5	, Q	. 4	• 1						6.1	7.
WNW	- 5	1.9	2.1	2.5	. :	<del>.</del>						7.2	5.
NW	. 4	3.1	4.7	4.3								13.2	
NNW	â	3.1	5.7	4.3	. 7							14.5	
VARBL										l		- <del></del>	
CALM	$\searrow$	> <	$\geq$	$\sim$	> <	$\supset \subset$	><	> <	> <		><	3 • 1	
	.3.7		±3.9	29 <b>.9</b>	2.5	. 2						102.0	

TOTAL NUMBER OF OBSERVATIONS

SECTAL SCHMATSESGY HRANCH STAFFTAC ZITH KEATH HOSSEVICEZMAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

136	WINNERY SPACE CENTER FL	61-70.73-60	₹ <u>₹</u> .
STATION	STATION NAME	YEARS	MONTH
		ALL ALATHER	1271-1471
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	?	1.3	7.	. 6	1,5							1-1	1: • 5
NNE		1.2	2.4	2.7	_نو				l			6.5	, ,
NE	- 4	1.1	1.7									? • -	ز و د،
ENE	. 1	2.1	1.2									2.4	3 • €
E	- 5	• 2	2.7	8.								3.7	8.0€
ESE	:	• 12	2.6	• ?					I	I		4 . 1	9
SE	• 1	• 3	1.2	1.4	• 1						i	2.7	14.2
SSE		1.3	2.7	3.1	. 4							7.:	11.2
5	. 4	• 9	1.7	3.€	• 4					Ī		i . 5	10.2
SSW		. 4	1.3	1.1	. 7							. 4	11.6
sw	. 4	• 3	2.0	2.4					I			6	- 4
wsw	• 1	1.1	1.9	1.2	. 4							4.6	7.4
w	. 7	1.4	2.*	2.5	• 1							2.3	5.4
WNW	. 4	• 3	3.5	1.5	• 4	•1						a • 7	9 . 5
NW	. 5	• 7	1.05	1.2	2							4 . 1	3.4
NNW		. 7	2.0	5.1	1.1							9.3	11.6
VARBL													
CALM		><		$\supset <$	$\supset <$	><	><	><	$\supset <$	><	><	• 7	
	4.6	16.1	33.5	34.4	5.6	. 1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

CEUDAR CEIMATOLOGY WYANCH US WYSTAC ATW A ATHTA SEWYICOMAU

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	FINALLY SPACE CENTLY FL 69-70,70-	MONTH
	CLASS	HOURS (L.S.T.)
	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.	2.1	7.5	1.1								
NNE	, ti	2.7	3.5	1.2	1_							?	7,
NE	1.2	2.4	1.?										- •
ENE	. 5	1.3	• 9	• 1								3.7	٠.
E	, ć	3.4	7.0	- 4								7	٠ 13
ESE	. 1	2.3	3.3	. 6								٠ و ت	7.
SE	, 4	1.2	3.9	1.1								5	
SSE		1.1	2.1	2.5	, ,							ن و ر	و څ
5	4	9	1.4	1.2	1	1						7	,
ssw		• ?	• 7	9	1								14.
sw		. 7	2.8	2.1	_ • 2							5, 3	,
wsw		- 4	Р	. 9	- 4			I				2.7	10.
w	7	1.1	2.4	2.1	1							6.9	15.
WNW		, ĵ	1.5	1.7	- 2							4.1	
NW		۲.	1.1	1.3								3.1	۷.
WMM		• 9	1.4	4.4	6							7.4	11.
VARBL													
CALM	$\supset <$	><				> <						• 7	
	5 4	23.3	36 7	30.3	3.2	. 1						111.5	9.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CLIBAL CLIMATOLOGY BRANCH LSAFETAC Als Weather Service/Mac

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1_23e	KENNEDY SPACE CENTER FL	69-70.73-11	-;
STATION	STATION NAME	YEARS	MONTH
		ALL MEATHER	<u> </u>
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7 7	4 - 5	5.4	3.3				1				] c • ÷	7.1
NNE	2.4	1.5	, Ω	• 1								4 .	4.3
NE	1.2	1.7	• 5									2.3	4.0
ENE	1.7	• 7	• 6	}								7.0	4.4
E	1.9	2.3	. 9									5.1	4.7
ESE	2.9	1.4	۶.	• 1								5.2	4.1
SE	1.9	2 • °	2.4	• 7								7.8	5.5
SSE	1.5	3.	3.7	2.2								16.4	7.7
\$	• 0	2.2	• 7	. 5								4.4	5.7
SSW	• 9	. 7	• 6	• 4		L						7.5	u.c
5W		. 4	• 7	.2					ĺ			1.5	7.5
wsw	. 1	• 9	1.3	1.1	:1							4.1	7 • 3
w	. ?	1.	1.3	1.4	• ! _							5.0	7.8
WNW	• 1	1.2	1.1	1.1								3.5	ءَ و د
NW	,	l.r	1.5	• 9		L						4.3	7.6
NNW	• 9	4.1	3.4	2.4	• 2							11.5	# • T
VARBL													
CALM	><	$\triangleright <$	$\supset <$	$\supset <$		$\supset <$	> <		$\supset <$		><	i • 3	
	£1.3	35.7	26.7	14.4	• 6							15.3.5	5.3

TOTAL NUMBER OF OBSERVATIONS

SET AE CLEMATGESCY REARCH
CASELTAC
AT WEATHER SERVICEZMAR PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED

## SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	RENAMENT PACE CENTER FL.	05-70,75-90	<u>"t</u> "
		ALL SEATHED	1 1-2315 HOURS (LIS.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.5	3.5	3.4	1.2								10.5	5.2
NNE	1.2	ç	• 5	• 2						L			5.4
NE	. 5	• 5	. 7	•1								1.7	6.3
ENE	• 5	• ì_	• 1	• 1								1.2	4.3
E	1.3	9	• 7	• 6								5.4	5 <b>. 9</b>
ESE	1.3	1.1	. 9	.1			L	ļ				3.4	<b>5 • 3</b>
SE	1.2	1.3	• 9	c		L						1.1	o . 7
SSE	2.0	4 - 1	2,2	1.2	[					<u> </u>			400
5	2.4	3 . 8	2.	. 9					L			c . i	5.9
SSW	1.1	1.2	. 6	. 1		l	<u> </u>					1.0°	4.8
sw	1.3	1.4	. 5		_	<u> </u>			<u> </u>			3.7	4.5
wsw	1.1	1.7	1.2	5		<u> </u>			<u></u>		<u> </u>	4.4	6
w	2	3.1	2.3	2.2	- 2				<u> </u>			11.1	7.4
WNW	_1.1	2	1.7								<u> </u>	3.3	<u></u>
NW	1.5	4 . 7	2.0	1.5			<u> </u>					3.3	5 . 7
NNW	2.6	3.2	1.9	1.9	• 1							5.7	t . 5
VARBL									L	L	L	<u> </u>	
CALM	> <	$\supset <$	><	><	$\supset <$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	7.3	
	3 tt . D	33.1	23.2	11.8	. 6							100.40	= 7

TOTAL NUMBER OF OBSERVATIONS

CLUMAL CLIMATOLOGY BRANCH L-AFETAC ATT WEATHER SERVICEZMAG

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	<u> 69-70.77-</u>	YEARS	MONTH
***************************************		ALL SEATHER		ALL_
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.0	3.9	2.9	. 4							1	5.6
NNE	• 9	1.1	1.2	- 5	• "							2.	5.7
NE	• 5	_1.1	• 45	. 1								4.3	5.6
ENE	.7	. :	• 7	• 1								2.3	5 • 3
E	1.1	1.4	1.2	.4								4.1	3.9
ESE	. ,	1.1	1.3	. 4	• ^							3.7	6.6
SE	<b>1</b> 17	1.1	1.5	. 7	• 1							4.2	7 • 3
SSE	٠٩	let	1.3	1.4								5.7	0.1
5	1.2	2.1	2.1	1.6	. 1	^						1.5	7.6
ssw	1.	1.1	1.0	6	. 1							2	9 و ن
sw	, ?	1.4	1.5	3.								4.5	7.1
wsw	- 6	1.4	1.3	• 7	• 1							4.4	7.5
w	1.5	2.9	2.1	1.5	,							٤.3	7.2
WNW	1.4	2.5	1.9	1.4								7.4	7.
NW	3	3.3	3.2	2.3	.1					[		10.3	7.4
NNW	1.3	3.1	2.9	2.8	. 4							15.4	3 • 3
VARBL													
CALM	$\geq <$	$\geq <$	$\geq <$	><	><	$>\!\!<$	$\geq <$	><	$\geq <$	><	><	4.3	
	17.1	29.2	22.2	19.3	1.9	• 1						136.0	7.1

TOTAL NUMBER OF OBSERVATIONS 6 7 6 8

GUUFAL CLIMATOLOUY DEANCH UTATETAC AT WEATHER SERVICIZMAS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

## SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.1-80	KINNLOY SPACE CENTER FL	69-70,73-10	ν Δ
STATION	STATION NAME	YEARS	MONTH
	Α	LL WEATHER	
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	1.3	1.2	1								7	5.7
NNE	1.2	• 6	. 4									3	4.4
NE	. 3	• =	• 1									1.2	4.5
ENE	1.5	• 0	, C									3.2	4.5
E	1.6	2.3	1.7	• 5								5.7	5.5
ESE	1.7	3.4	1.7	• 1								7.0	5.2
SE	2.3	5.2	3.2	9.								11.4	5.4
SSE	2.4	3.6	2.4	• 6								۶.۶	5.7
S	2.7	4.8	2.9	i . 4	• 1	• 1						14.1	5
SSW	1.5	1.5	1.5	• 5								5.5	6.0
SW	1.6	1.5	1.1	.1		• 1						4.7	5.7
wsw	1.5	1.	1.2	. 4								4.2	5.6
w	1.5	2.,	3.6	1.3	. 3							7.6	7.3
WNW	ü	1.2	1.8	• 3								7.9	5 · C
NW	. 9	1.5	1.3	1.0								4.0	7.4
NNW	1.3	1.7	1.1	• 2	• 1	• 1						4.5	b • 4
VARBL													
CALM		$\supset <$	><	> <	$\supset <$	$\times$	$>\!\!<$	><		> <	> <	5 • €	
75	22.9	35.7	26.4	7.4	<u>. E</u>	. 3						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

CECTAL CLIMATOLOGY REANCH CTARLTAC ATT WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	BYATION NAME  STATION NAME  VEARS	MONTH
	CLASS	355-365 Hours (List)
	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.2	1.2	1.1	. 5					<del></del>			4.5	ļ
NNE	1.7		_ • 4										4 .
NE	. 5	- 4	• 1		1							1.1	3.
ENE	1.0	1.1	• 6									2.5	4.
E	1.4	2.0	1.4	. 4								6.0	
ESE	1.5	3.1	- 9	. 4		<b> </b>						5.6	5.1
SE	1.5	3.5	2.2	. 7								7.7	5.0
SSE	2.5	3.2	1.5	5								7.7	
S	3.5	3.3	1.5	1.7		• 7						12.0	3.
SSW	1.3	2.2	1.7	1.3	• 1							7.3	<u> </u>
sw	1.3	2.:	1.1	.5					_			<u> </u>	<u>5•</u>
wsw	1.9	1.3	. 9	. 4	. 1	• :						3.0	<u> </u>
w	2.0	2.9	1.3	. 4	• 1							- 4	5.
WNW	2.9	2.9	1.7		• 1							7.2	<u>٥.</u>
NW	2	2.5	1.3	1.5	• 1								
NNW	1.1	2.4	•€	. 4	• 1							4.6	<u> </u>
VARBL				•								7.0	<u></u>
CALM	$\geq <$	$\geq$	$\geq$	$\times$	><	>	><	> <	$\supset$	$\overline{}$	$\overline{}$	6.5	
	27.6	37.4	18.4	8.5	, ç	. 3			>			100.0	5.

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 227

GICHAL CLIMATOLOGY REASON LOAFLIAG AIT WEATHER SERVICE/MAG

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.1.30	KENNEDY SPACE CENTER FL		<u> </u>
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	ცენ <del>-</del> ქვმ£_
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	1.2	1.5	. 8	-1							5.3	200
NNE	6	• 6	. ?						<u></u>			, e	4.
NE	1.2	• 6		• 1								1.9	3.0
ENE	• 4	1.5	• 2	• 3								2.5	5.6
E	1.2	l.c	1.5	. 5								4.5	6.
ESE	1.3	2.3	1.7									. 4	5.
SE	1.7	2 . 3	1.6	6					L			6.3	5.
SSE	1.2	2.2	1.7	1.1									6.
5	2.9	3.7	3.1	1.6	1							11.3	5
SSW	1.0	1.9	1.7	1.4								6.6	6.
5W	1 .	2.3	1.1	9								5.2	6.
wsw	1.6	1.7	• 2	• 1				Ī				3.7	4.
w	2.0	2.4	1.7	. 8	• 1	• 1						6.4	Ö .
WHW	1.2	1.4	. 9	. 4								3.9	5.
NW	2.5	4.4	2.8	1.5								11.2	5.
мим	2.4	2.3	1.7	. 4								<b>6.</b> 9	<u> </u>
VARBL													
CALM	$\supset \subset$	$\supset \subset$	> <	$\supset <$	> <	> <	$\supset <$	> <	$\supset <$	><	><	9.5	
	26.2	33.5		10.6		. 1						110.1	ه د

TOTAL NUMBER OF OBSERVATIONS 9.2.7

SLUBAL CLIMATOLOGY BRANCH LEAFLITAC ALE WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 9 -	KANNEDY IPACE CENTER FL	69-7 .72-5.	
STATION	STATION NAME	YEARS	MONTH
	ALL	*EATHED	 1901-105
	<del> </del>	CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	, ?	1.3	3.2	4.2								,,,	7.5
NNE	• 2	1.4	1.3	• 3								2.7	7 • 3
NE	. 4	1.1	1.3	• 5								3.3	7.1
ENE	• 5	1.	• 8	1.2								3.4	9.0
E	. 3	1.2	3.3	1.8								7 . 3	2.3
ESE	. 4	1.6	3.9	1.4								7.3	<u>∂•1</u>
SE	• 3	<b>,</b> 9	2.3	1.7	• 1						-	5.8	٠.1
SSE	• 4	1.0	2.6	3.7	. 7	• 1						> • -	10.0
5	• 1	1.7	6.1	4.7	• 1							12.€	9.8
SSW	• 5	. 6	2.7	7.1	• 2							7.2	10.3
sw	• 1	1.	2.5	2.2	. 5							5.5	16.1
wsw	•1	. 3	1.7	1.2								3.8	_8 • 8
w	٥	• 3	1.5	1.5	• ?	• 1						4.9	9.7
WNW	. 4	1.0	. 8	1.1								3 • 2	e • 4
NW	. 3	1.1	1.3	2.4	•1							5.2	5.4
NNW	.4	1.8	3.8	1.9								3 • €	5 . 4
VARBL													
CALM	$\supset \subset$	$\times$	> <	$\supset <$		$\supset \subset$		> <	><	$\supset <$	><	1 • 2	
	5.9	10 7	33.0	33.3	1.6	• 2						150.0	9.

TOTAL NUMBER OF OBSERVATIONS 930

BELBAL CLIMATOLOGY RRANCH LEAFETAC AT. FATHER SERVICEZMAC

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17-36	KENNEDY SPACE CENTER FL	_ 69-75.73-80	" A
STATION	STATION NAME	YEARS	MONTH
	ALL aL	ATHER	1200-1400
	CL	.436	HOURS (L.S.T.)
	EGN	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		οć	4.1	c • 1								19	15.7
NNE	1	1.7	4.5	1.7								5.2	€.7
NE		1.5	2.8	. 2	1	l						4.5	3 • C
ENE	. 3		2 • 4	1.1					]			4.5	8.9
E	. 2	2.2	3.1	2.6								9.1	4.7
ESE		1.	3.1	1.7								5.4	9.2
SE		1.7	4.1	3.4								7.2	9.5
SSE	• 1	1.2	5.7	3.9	1.1							17.5	11.3
5	• 1	1.3	3 • C	2.8	• 1							7.3	9.6
S5W	. 2	. 4	.6	1.6	. 4							3.3	11.5
sw	•1	• 1	. 8	3.4	• 2							4.5	12.4
WSW		• 1	1.7	2.5	3							3.7	12.2
w	. 1	9	1.6	1.1	1.1	• ?					1	4.5	11.8
WNW			1.4	1.2	• 2		- 1					6.7	11.9
NW		. 4	1.1	. 6								2.2	9.1
NNW	. 1	- 5	3.	1.2					1	ļ. — —		2.6	9.7
VARBL													
CALM	$\searrow$	$\geq$	$\geq \leq$	$\times$	$\times$	$\times$	>	$\times$	$\geq$	$\times$		• 1	
	1.4	14.3	40.1	40.2	3.5	. 2	-1					170	12

TOTAL NUMBER OF OBSERVATIONS

GLUBAL CLIMATOLOGY BRANCH LS4FETAC AIN VEATHER SERVICE/MAC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 33	KENNEDY I PACE CENTER FL.	<u> 69-70.73-86</u>	YEARS	
		ALL NEATHER		1578-4707 HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 2	• 4	3.1	4.8	. 3							- 9	10.7
NNE	. 4	1.2	4.1.	1.6	. 2							7.4	9.0
NE	. 4	2.4	2.3	2								5.8	<b>6.</b> t
ENE	÷.4	1.1	1.7	1.7								5.2	0 . t
E	• 3	3.7	6.7	1.6								12.3	7.9
ESE	• 3	2 • 5	6.3	2.0	Į							11.2	6.3
SE	• 1	1.6	5.1	4.2								11.0	9.7
SSE	• 1		5.2	9.2	1., 7							16.7	11.5
S		. 7	1.2	1.7								3.2	10.4
ssw			•	• ₫	. 3							1.3	13.4
SW	. 1	•	-8	2.2								3.1	12.2
wsw		• ?	1.1	1.6	1.							3.9	13.3
w		• 4	1.7	2.0	1.1	. 4						5.3	12.9
WNW			• c	3		- 2						1.6	11.3
NW			. 2	• 1								• 3	9.0
NNW	• 1			. 4								1.3	3.8
VARBL													
CALM	><	$>\!\!<$	><	$\geq \leq$	><	$\times$	$\ge$	><	$\supset <$	><	><	1.0	
	2.8	15.4	41.4		4.2	. 6						130.3	9 . 8

TOTAL NUMBER OF OBSERVATIONS

GLUMAL CLIMATOLDGY BRANCH LEAFETAG ALA MEATHER SERVICI/MAC PERCENTAGE FREQUENCY OF WIND

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11 - Au	RENNEDY SPACE CENTER FL	<u> 69-73-≥3</u>		~ A
STATION	STATION NAME		YEARS	MONTH
		ALL ACATHER		1920-1.01
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥56	*	MEAN WIND SPEED
N	. 7	3.	3.5	1.5	• -						-	7.1	7.6
NNE	ي .	2.2	1.1	. 3								4.1	ć.1
NE	1.5	1.3	- 5									4.2	4.2
ENE	1.1		• 9	9.	• 1							3.5	7.1
E	3.3	5 4	2.3	.1								11.1	4.5
ESE	2.4	4 . 3	3.8	• 2								11.2	5.9
SE	1.6	4 . 2	4 . 3	1.7	_							11.5	خ و با
SSE	ا تول	2.8	8.1	4.5	T.				ļ			15.3	5.9
\$	- 6	2."	2.9	1.0								t = 6	7.4
SSW	4	. 19	3	1								1.7	5.4
SW		. 4	ي و	. 9			L					1.7	Ç 3
wsw			ے مت	1.5	1				<u> </u>	L		406	10.3
w		1.1	2.3	2.9			Ĺ					5.0	12.3
WNW	2	3	2	-2	-1	- 1	L	L	L			عود ا	9.8
NW	1		.2.	1							L	. 5	11.0
NNW	- 5	_1.	. 8							L		ن و 2	5.7
VARBL						L							
CALM	$\times$	><	$\geq <$	$>\!\!<$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	3.4	
	14.3	30.46	34.3	15.2	1.5	. 1						120.0	7.0

TOTAL NUMBER OF OBSERVATIONS 931

USAFETAC	FORM AJL 64	0-8-5 (	OL+A) I	PREVIOUS	EDITIONS	OF THIS F	ORM ARE C	MISOLETE				

GLEPAL CLIMATCLOGY BRANCH USAFETAC Alm ACATHER SERVICE/MAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12985	KENNEDY SPACE CENTER FL	69-70.73-61			
STATION	STATION NAME	YEARS	MONTH		
	ALL	ALL MEATHER			
		CLASS	HOURS (L.S.T.)		
		CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	ن و ک	1.7	1.3	. 4						Ĺ		6.4	5.3
NNE	1.6	1.1	1.2	. 1							]	4 • €	5.1
NE	ä	1.3	• 2									2 • 3	4 . 2
ENE	1.	. 3	1	• 1		L						2.0	4.3
E	1.9	2.5	1.7	• 5								7.5	5 • 5.
ESE	2.7	3.5	3.1	• 5			· ' _					10.2	5.8
SE	2.6	3.1	2.7	1.0								9.4	6.0
SSE	2.4	4.1	3.5	1.5	• 1			]			1	11.5	ò.7
S	1.7	3.2	5.3	1.4		-						11.6	7.3
SSW	• 5	1.05	. 9	• 6								3.7	6.6
5W	. 1	1.5	. 9	• 2								1.0	
wsw	. 9	1.3	1.8	1.1								5.6	7.2
w	.5	2.4	3.5	2.4								: • 3	5.2
WNW	. 3	1	1.3	• 3	• 1							2.0	7.7
NW	. 4	1.7	1		7	• 1						1.9	7.8
NNW	2	2.	. 4	• 1								3.4	4.6
VARBL													
CALM	$\times$	$\times$	$\supset$	$\supset <$	>>	$\times$	$\supset \subseteq$	$\times$	$\geq$	$\geq$	$\geq$	ć • 1	
	21.C	33.4	23.5	12.3	. 5	. 1						130.2	5.5

TOTAL NUMBER OF OBSERVATIONS 935

SECRAL CLIMATOLOGY BRANCH UTALLIAC ALL LEATHIR SERVICEZMAN

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 3 -	KLANEDY SPACE CENTER FL	69-70,77-9		
STATION	STATION NAME		YEARS	MONTH
		ALL MEATHER		<u> </u>
	· · · · · · · · · · · · · · · · · · ·	CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	1.6	2.5	2.3	. 1							7. ú.	3.
NNE	• 9	1.2	1.7	. 6								4.3	7.
NE	• 7	1.2	1.5	• 1								3.1	. š
ENE	• 3	1.	1.^	• 6	•							3.4	6.
ŧ	1.3	2.:	2.7	1.0								7.8	5.
ESE	1.4	2.9	3.1	• 9								6.1	2.
SE	1.3	2 • €	3.2	1.7								7 · i	7.
SSE	1.2	2.4	3.9	3.7	. 4							11.5	t.
\$	1.4	2 • €	3.3	2.5	. 1							9.4	7.
SSW	• •	1.1	1.2	1.2	1							4.5	€.
sw	• 5	1.2	1.0	1.3	• 1	• 1						4.1	
wsw		1.1	. 1 . 3	1.1	. 2							4.3	- J.
*	• 3	1.7	2.1	1.5	• 4	• 1						5.7	
WNW	. 7	1.5	1.0	, c	• 1	3 e						2.4	_7.
NW	ä	1.4	1.1	. 9	• 1							4.3	_7•
NNW	9	1.5	1.2	6		2.						4.2	ġ.
VARBL													
CALM	><	> <			> <	> <	><	> <	$\supset <$	$\supset <$	><	4.3	
	15.3	27 4	31.1	20.0	1.6	. 3	2					100.6	7.

TOTAL NUMBER OF OBSERVATIONS 7432

CLUAAL SUIMATOUSSY BRANCH USAFETAS Ale Weathir Servicummas

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13	KINNERY SPACE CENTER FL	69-70.73-80	, , , , , , , , , , , , , , , , , , ,
STATION	STATION NAME	YEARS	MONTH
		ALL NEATHER	
		CLASS	HOURE [L.S.T.]
		CONDITION	<del></del>

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	Ģ	9	. 2	• 1								. 1	4.3
NNE	1.3	?		. 3									<u>4</u> • :
NE	1.2	1.1	1.2	• 1								3.7	2 . 2
ENE	. 9_	• 3	. 4	. i		L						1	5 . ?
E	1.9	2.1	4.3	1.8						Ī		12.1	7.3
ESE	1.9	3 . 3	2.6	1.2	1							9.0	u • 6
SE	2.0	3.2	2.7	• 7								: • 6	<u>u . 1</u>
SSE	1.6	3.9	2.6	3								5.6	5.7
5	1.7	3.6	5.4	2.1								12.6	7.4
SSW	• 7	1.6	2.3	• 2									3.4
SW	. 9	2	1.1	• 2								7.2	5.5
wsw	1.1	1.4	1.6	2					ļ			4.3	5.0
w	1.7	4	1.9	. 4								3.8	5.6
WNW	. 4	1.5	1.0	• 1								3.4	5.7
NW	• 7	1.5	1.7	. 4								4.7	6.3
NNW	1.4	1,=	1.	• ?								4.0	2.1
VARBL													
CALM		$\geq <$		$\geq <$	><		$\supset \subset$	><		> <	><	6.0	
	20.7	34.3	30.2	£ • 7	. 1							102.6	_5.5

TOTAL NUMBER OF OBSERVATIONS 950

USAFETAC FORM (0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE THE STATE OF THIS FORM ARE OBSOLETE

SECRETAS

ATHER SERVICE/YAS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED

# SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

155	ALANERY SPACE CENTER FL	59-70,772	
STATION	STATION NAME	YEARS	MONTH
		+ A Timbel	<u>. 350+.500</u>
		CLASS	HOURS (L.S.T.)
		PNDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	Q		1								. 7	
NNE	7		3					[				1.7	4.9
NE	6	. 4	. 3					L				1.1	, 4
ENE	1.2	1.4	1.	• 2								2.5	5.4
E	1.4	2.3	3.	1.0								7.8	ਹੈ: 0
ESE	1.3	2.7	2.8	. 9								3.1	4 و ن
SE	1.6	2.3	2.3	- 1								4.3	5.6
SSE	1.4	2 • â	2.	2								4.4	5.5
5	1.7	4 . 9	2.2	i • 2								15.1	€.5
SSW	3.5	3.7	2.7	. 2								• t	5.8
SW	1.3	2.1	. 7	4								4.6	5.2
wsw	1.1	1.4	1	2								غ و ذ	5.0
w	2.6	2 • 6	1.9	• 3	-							₹.3	4 . 4
WNW	1.1	1.7	1.9	. 1								4.0	.5.7
NW	2.1	2 . 2	1.3	1.2								7.3	5.€
WNN	2.0	2.6	1.3	3									_: • 1
VARBL													
CALM	$\times$	> <	$\times$	$\times$	> <	>>	$\supset \subset$	> <	> <	><	$>\!\!<$	2.7	
	25.1	35.C	26.3	6.7								100.0	5.3

SECRAL CLIMATOLOCY BRANCH USAFETAC ATH ASATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2 STATION	NIBALDY	PACE CENTER FL.		6°-73.73-	YEARS		 	ONTH
			ALL SEATH	Fp		<del></del>	<u>.6+0</u> -	
			CLASS				HOUR	\$ (L.S.T.)
			CONDITION	I				
						<del></del>		
_	<del> </del>	<del>-, -, -, -, -, -, -, -, -, -, -, -, -, -</del>					 ,	<del>,                                      </del>

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.7	ia"	1.4	. 4	• 1								5.
NNE	.5	٥	, ts									1.5	4.
NE	- 6		. 7	?								2.3	٠.
ENE	. 4	1.5	• 9	• 3								5.4	٠.
E	1.3	2.1	2.8	1.9								ن و د	7.
ESE	1.3	2.4	₹.6	1.6								2 • 3	ŧ.
SE	. 7	1.7	2.5	. 4								4	٠.
SSE	1.2	. 7	2.1				1.					4.3	
S	2.4	3.	3.1	2.2	• !							11.7	6.
55W	_	2.1	1.3	1.6		Π						4	7.
sw	1.0	1.	1 • C	. 1	• 1	Γ						4.1	€.
wsw	1.2	• 0	1.8	?								4 • 2	٠
w	2.4	2.2	. 9	. 4								7.5	4.
WNW	1.7	1.3	, 9									4.0	,
NW	3	2.4	3.3	• 7								4.4	ь.
NNW	1.4	3.4	1.8	1.3								3.4	٥.
VARBL							L						
CALM	$\geq <$	$\geq <$	> <	> <	> <	><	> <	> <	> <	$\supset <$	> <	5.7	
	23.4	29.3	28.2	12.0	3			•				,	۵.

TOTAL NUMBER OF OBSERVATIONS

TEC AU CLIMATOLOGY PHANCH TYPOTAC ATE USATED SERVICEZMAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 -80	KENNEDY LOACE CENTER FL	01-76.77-03	5.9
STATION	STATION NAME	YEARS	МОПТИ
		<u>stathle</u>	12 5-11:5
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 36	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		1	1,2	7 4	,	.1						. c	10.0
NNE		1.0	2.4	1.6								5.6	c • 7
NE	2	1.7	1.7									7.5	1.6
ENE	• i	7."	1.0	1.4								4.5	€ • 2
E		1.1	4.7	4.0								11.9	9.4
ESE			4.2	3.4								€ • 1	16.6
SE		. 7	1.7	2.5								• 1	10.3
SSE		1.	2.4	5.1	2								11.1
5		1.4	4.2	4.	- 4							13.6	. 9
SSW	-1	. 7	1.2	2.9	- 2	L						1.1	10.5
sw		7	1.8	2.2	- 4							6 , 6	۶ و ۽
WSW		. 1.1	2."	1.3	1_							2.3	o•€
w		1.2	1.6	1.1	-1							4.3	
WNW	- 2		1.2	. 7								201	7.5
NW	<u></u>	<u>. 1. 2.</u>	1.			Ĺ						3.4	5.5
NNW	4	ė	2.7	1.9								5.6	1
VARBL													ļ
CALM	><	$>\!\!<$	><	$\geq \leq$	><	$\geq \leq$	><	$>\!\!<$	$\geq <$	><	$>\!\!<$	• 3	
	`. 0	19.1	37.4	38.0	1.9	. 1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

CELBAL CEIMATOLOUY BRANCH Branchar Als Reather Service/Mac

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	ALSNE	SY PA	CL CEN	TER FL			63-	7: - 7: -					4	۴	
ION	***		STATIO	NAME					Y	EARS				ONTH	
		_				ALL a:	ATHEC						1210	-1400_	
						CL	A88						HOUR	\$ (L.S.T.)	
		_													
						CON	DITION								
_											, ,			, ,	
1 0	SPEED KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
	N	. i	3	. 9	f.6	•							7.2	12.4	
	NNE	•1	. 5	3	3.9								7.9	٦.8	
[	NE	• ?	. 9	2,4	1 . 2								4.5	0 • C	Ì
	ENE	. 1	1.7	3.9	2.3								3.€	4.9	
	E		1.2	7.6	4.7								13.1	9.7	
	ESE	•	- 4	5 • 3	4.7	• 1							17.5	10.0	
	SE	• 1	1.	4.4	5.3	• 7							11.1	14.5	
	SSE	• 1	. ?	7.1	5.4	1.							11.0	11.8	
	S	. 2	3	2.4	3.1	1.1							5.2	11.5	
-	ssw	• 1	• 2	. 4	1.3	• 1							7.2	11.4	
	sw	. i		1.6	1.0	• :	_						3.1	16.1	
	wsw		• 3	1.7	3.	• 2							3.4	11.2	
	w	• 1	. 4	1.1	2.2	. 4	• 1					-	4.3	11.9	
	WNW	.1	.1	. 7	3.								1.7	16.0	
	NW	. 1	3	6	.2								1.1	7.6	
	NNW		. 2	. 7	1.1							-		11.C	
[-,	VARBL											-			
					<del></del>		_				$\overline{}$				

USAFETAC	FORM 0-8-5 (O	L-A) PREVIOUS EDITI	ONS OF THIS FORM	ARE OBSOLETE			
 <del></del>					 	 	

SECRAL CEIMATOLOGY REANCH ALR AFATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11:3	KENNEDY SPACE CENTER FL	_ 6 ;-70 ,77-11	AF
STATION	STATION NAME	YEARS	MONTH
	ALL_ of	ATHED	15 C-173.
		LASS	HOURS (L.S.T.)
	COL	IDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		- 1	2.3	4.1	2							6.	11.5
NNE	• !	<b>.</b> :	7.4	3.4		• 1							10.1
NE		1.2	2.4	1.6								5.2	5.
ENE	• 1	2.0	3.4	1.6								7 • 1	3 . :
E		3.7	9.9	2.6								1 . 1	٤.
ESÉ		1.9	9.2	3.2								14.3	9.
SE	. 2	1.5	6.9	5 . 8	.1							15.6	1
SSE			3.0	7 • C	. 6							12.3	11.
S		. 4	. 7	2.2	. 2							3.5	12.
SSW			• 1	• 3								• 3	12.
sw			. 4	1.2	. 2							6.1	11.
wsw		• 1	1.2	1.4	• 1							_ 9	11.
W	• 1	4	1.4	2.8	3							5.1	11.
WNW		. 1	. 3	• 7	. 7							14	12.
NW		.1.	. 3									. 4	7.
NNW		- 1		• 1									9.
VARBL													
CALM	><	><	><	> <	> <	> <	> <	> <	> <	> <	> <		
	,	13.1	4.5.2	38.9	2.1	- 1					3	15.40	13.

TOTAL NUMBER OF OBSERVATIONS

CILMAE CEIMATOEOGY ARANCH CSAFETAC ASSAFATHOR SESVICEZMAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 O STATION	<u> </u>	DY SPA	CE CEN	TER F.			<u> </u>	7 7 ? -		KARS			- <del>- :</del>	IONTH
		_				ALL A	ATHE:				<del></del>		-نده	18 (L.S.T.)
		_			-	CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥54	*	MEAN WIND SPEED
	N	,	2.	2.2	1.1								<b>-</b> -	7.5
[	NNE	. 4	2.5	3.	. 9									7.č
[	NE	σ,	1.7	1.1	. 4									z • 1
	ENE	1.7	2.	1."	. 4									7.4
[	E	2.4	4.4	5.9	Ç								11.7	t • t
Į.	ESE	2.5	4 .	5.1	1.3								1 - • 2	6.7
ļ	SE	1.9	4.5	5.5	1.7					<u> </u>			13.5	1.
	SSE	1.4	4.1	5.0	4.3	• 2							15.4	5.1
		• 4	1.6	2.3	1.0	• 1				<u> </u>			5.03	3.5
r											T		T	

NNE	. 4	<u> </u>							1	1	.1	•	1 1 · c
NE	. 9	1.7	1.1	. 4				Ţ		T	Ţ		5.1
ENE	1.7	2 • *	1."	. 4					T		Ţ		7.4
E	2.4	4.4	5.9	٥					1	<u> </u>	i	13.7	t.t
ESE	2 • 1	4	5.1	1.3								1 - • 2	6.7
SE	1.9	4 . 1	5.5	1.7							I	13.5	7.1
SSE	1.4	4.1	5.2	4.3					7		I	15.4	<b>5.</b> <u>.</u> .
5	. 4	1.6	2.3	1.0	• 1							53	3.5
SSW		- 3		• 1								. 7	7.3
5W		. 3	. 7	, 7			Ι					1.7	9.5
wsw	1	ç	1.4	, 7		_				I		3.1	: • 1
w	1	1.3	2.1	Ç					.II	I		4.4	
WNW	1	2	c	- 4	• -		Ĺ					دونا	7.7
NW		1	1					Ī		I	l		402
WMM	. 6		. 4								i	1.2	4 . 7
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\searrow$	$\times$	><	$\geq$	$\boxtimes$	$\supset <$	$\times$	$\geq \leq$	. • 9	
	12.6	30.5	37.6	15.7	é	• 2						112.2	1.1

TOTAL NUMBER OF OBSERVATIONS

ELLWAL CLIMATOLOGY RRANCH JEAFLIAC AFE AFATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 8:	ACAMERY SPACE CENTER FL 69-70.1/	MONTH
	ALL ACATHED	11 C-23 CL
	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	1.1	• 3	-1								1.0	ч.2
NNE	. 3	1.3	. 9	1.0						L	1	4.2	7.5
NE	1.5	1.9	1.	• 1								4.6	5.5
ENE	- 4	1.1	. 7	. 1				[			1	2.3	3.5
E	1.9	3.2	4.9	1.7								11.7	7.2
ESE	2.2	3.6	4.3	1.1								11.7	5.6
SE	1.9	3.1	2.6	.4				1	1		1	3.5	5.8
SSE	1.3	5.0	5.4	2.8								14.0	7.6
S	7.1	4.7	4.2	2.4	. 7							12.2	7.1
SSW	. 3	:	. 0	• 1								3.6	5.7
SW	7	9_	9	• 1								2.2	c • 4
W5W	. 3	1.6	1.2	•1			T					2.2	5.1
w	. 4	2	2.3	. 4								5.2	7 • C.
WNW	. 4	. 9	1.2	. 3								2.9	6.2
NW	. 7	. 4	. 3									1.4	4.4
NNW	1.4	. 3	. 7	• 1								3.3	4.7
VARBL							1	1			1		
CALM	> <	> <	> <	> <	> <	$\overline{}$	$\supset <$	> <	> <	>>	$\supset <$	5.0	
	17.9	32.4	32.3	11.0	. 4							120.0	6.2

TOTAL NUMBER OF OBSERVATIONS

CCCPAL CLIMATOLOGY PRANCH CSAFETAC ATH WEATH'Y SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 : 8 :	ASANECY SPACE CENTER FL			<u>Δ</u> C .
STATION	STATION NAME		YEARS	MONTH
		ALL SEATHER		1 L L
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 . 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	4) - 47	44 - 55	≥56	*	MEAN WIND SPEED
N		1	1.5	1.9	. 1							2.3	8.8
NNE		1.1	2. "	1.4	• ^							3.0	8.4
NE	. 7	1.2	1.4	.5								3.5	6.8
ENE		1.0	1.5	• 5								4.5	7.1
£	1.2	2.5	5.4	2.3				L				11.5	7.9
ESE	1.2	2.	4.6	3.1								10.5	7.8
SE	1.1	2.3	3.6	2.3								9.2	g • [
SSE	٥	2.3	3.2	2.3	- 2	l						10.0	€ €
S _	1.1	2.5	3.1	2.3	• 3							9.3	4.
ssw	• é	1.2	1.2	۵	• 1							3.9	7.5
sw		1	1.1	٩	•							3.4	7.8
wsw	• 5	1.	1,5	. 7	-1							3.9	7.
w	1.1	1.5	1.6	1.1	• 1	•						<b>5.</b> 5	7.,
WNW	3	ن و	1.0	. 4	1							2.9	9.0
NW	. 6	1.2	1.1	• 5								3.6	6.
NNW	3	1.3	1.1	• 6								3.9	6.0
VARBL													
CALM	><	><	$\geq <$	$\geq <$	$\geq$	><	$\geq \leq$	$\geq <$	$\triangleright <$	><	><	3.6	
	13.1	25.4	34.9	21.7	1.3	.1						155.0	7.

TOTAL NUMBER OF OBSERVATIONS 7199

CECRAL CLIMATOLOGY RRANCH CONFETAC ATT WEATHTH SERVICTYMAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1. 36 5	KENNERY SPACE CENTER FL.	69-70,72-86 YEARS	MONTH
	ALL AE	ATHER	.000-0200 Hours (L.s.T.)
	CON	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.		. +	- 4								2.3	ι <b>.</b> 1
NNE	1.1	ن	_ 2	. 3								2.4	ي و رز
NE	1.0	1.1							<u> </u>	<u> </u>		2.0	3.7
ENE	1.5	1.2	• 1					L		L		2.0	3.€
£	2.3	5 • 1	2.2	1.0				L				11.0	5.6
ESE	2.5	5.2	5.1	1.1							l	12.5	6.1
SE	4.5	3.9	1.5	. 5								<u>2.3</u>	5.1
55E	2.5	9.1	1.2	1.3	1	ļ	L	<u> </u>		L		901	0.1
5	4.3	4.6	2.5	. 5								11.9	4.9
55W	1.7	3.4	1.7	2	1					Ĺ		0.5	5.2
SW	1.4	1.2	. 6	• 3_							]	7.6	5.4
wsw	1.5	1.3	9					L				4.2	4.6
w	2.3	2.6	1.6	3				I		L	[	6.8	ي و د
WNW	1.	1.4	. 6									1، ز	4.8
NW	4	3	. 3						L			1.2	4.5
NNW	. 4	. 6		_ • 2_								1.3	5.4
VARBL										L			
CALM	><	$\times$	$\supset <$	$\geq <$	$\geq <$	><	$\geq \leq$				$\geq \leq$	9.8	
	27.8		18.3	6.4	. 7							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 925

USAFETAC ALL 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GELFAL CLIMATOLOGY BRANCH L:AFETAC ATH ACATHFH SEPVICE/MAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	MENNERY SPACE CENTER FL	69-71.73-3	MONTH
	ALL ai	LATHE!	HOURS (L.S.T.)
	CO	NDITION	

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	1.	. 6	. 3								2 ن	
NNE	3	1.5	. 2	1								ſ <u>·</u>	9 . 7
NE	1.7	- 4	- 2									4	3,4
ENE	.4	1.4	_ • 1									1.9	4.3
£	2.5	4.7	2.2	1.7								10.3	5.5
ESE	2.4	3.7	3.1	. 4								9.€	5.7
SE	3.4	3.3	• 9	. 1								7.7	<b>→.</b> 2
SSE	2.6	2.7	. 8	- 4	• 1							4.6	3.€
S	3.2	3.7	2.2	1.2	• 1							10.5	Ç. 8
SSW	2.4	1.7	. 4	• 1								4.0	7.6
SW	3.1	1.6	1.	1			I					5.8	4.1
wsw	1.5	_2.1	. 6									4 . 7	4.6
w	7,6	3.7	. 9	• 1								2.4	4.2
WNW	• 7	1.9	1.3	}			1					1.3	.5.0
WM	1.8	1.5	_ ,1									3.4	3.8
NNW	1.5	1.1	. 4	• 2								3.2	4.5
VARM													
CALM		><	><	$\supset <$	> <	$\supset <$	$\geq$	><	$\geq <$			11.9	
	33.2	35.8	14.6	4.2	2 2							102.0	4.2

TOTAL NUMBER OF OBSERVATIONS

CLOPAL CLIMATOLOGY BRANCH UPAFETAC AIN WEATHUR SERVICE/MAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1S	KENNELY SPACE CENTER FL STATION NAME	69-70,73-30 YEARS	₩ p ∨
	ALL AL	ATHER	<u>1608-1805</u> Hours (L.S.T.)
	COP	IDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.3	- 5	. 4								4.7	٠.1
NNE		_ 3	نو	. 3	<u> </u>							4.2	t . 2
NE	6		. 3	. 2.								1.9	= . 3
ENE	•9	1.5	1.5									3.9	5.8
E	2.5	3.7	3.7	1.0								15.8	0.2
ESE	1.4	3	3.5	. 5								8.5	0.5
SE	2.3	1.6	1.7	• 2								5.3	4.9
SSE	1.4	2.2	2.2	٥								<b>5.</b> 5	<u>t.4</u>
5	2.3	2.6	1.8	1.9								6.5	7.1
SSW	1.1	2.2	1.7	. 4								5.4	6.3
SW	- 9	1.2	1.5	• 2								3.5	6.0
WSW	1.9	2.4	2.6	. 4								7.3	5.8
w	2 4	3	2.5	.3_			(					8.2	5.5
WNW	1.7	1.5	1.1									1.3	4.6
NW	1.3	2.2	1.0									4.4	4.8
NNW	2.0	1.4	. 8	. 4								4.6	5.0
VARBL					· ·	1							
CALM	$\searrow$	$\times$	$\supset <$	$\supset <$	> <		$\supset \subset$	> <	$\supset <$	$\supset <$	$\sim$	3.9	
	25.9	7	27.4	7.2								166.6	5.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC AL	RM 0-8-5 (OL-A) PREVIOUS EE	DITIONS OF THIS FORM ARE OBS	XETE	

GLUPAL CLIMATOLOGY BRANCH USAFLTAC AI NEATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	EDY SPA	STATIO	N NAME		ALL bi	ATHER			EARS	_		900	ONTH ] [ 8 (£.8.т.
	-	CONDITION											
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		3	1.7	1.5								4.3	,,
NNE	·c	- 5	2.3	1.3	1							. 5	7.
NE		1.4	1.7	. 6								3.3	7.
ENE	• =	1 + 3	3.2	1.2								9.2	7.
E	. 4	2.2	5.3	3.1								12.5	<u> </u>
ESE	• 3	1.5	5.9	1.7								9.5	<u>. 5 - </u>
SE	• 6	1.6	4.3	1.3								7.e	7.
SSE	3	1.5	3.3	3.7	. 1							3.9	7.
S	. 5	2.4	3.5	2.8							<b> </b>	3.7	_ 3.
SSW		1,7	1.6	1.6	-1					ļ		5.3	3.
sw	3	1.5	2.5	1.6				L				5.9	3.
wsw	. 4	1.3	2.4	. 5			ļ			ļ		5.3	7.
w		2.2	2.4	1.5	2	<u> </u>		ļ	ļ		<b>}</b>	تموذ	7.
WNW	<u> </u>	1.1.	2.3	. 5	l		ļ				ļ	4.4	7.
NW	4	1.2	1.1	- 2	L		<b> </b> -	<b></b>	<b> </b>			2.9	_5.0
NNW	<u> </u>	نا و	2.	. 8_			<u> </u>	<b> </b> -	<b></b> _	<del> </del>		4.3	3.
VARBL	<b>_</b>					<b>-</b>	<u> </u>	<del></del>			<del></del>	ļ	
CALM	>>	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$			1.1	
	5-6	27.2	44.5	24.1						ĺ	1	lica.	8.

SELFAL CLIMATOLOGY MRANCH U AFITAC ATE SEATHON SERVICEZMAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1. :3:	MENNECY PACE CENTER FL	69-76-73-96	<b>~</b> <i>L</i> . <b>∨</b>
STATION	STATION NAME	YEARS	MONTH
	<u></u>	ATHE?	$\frac{126 - 14.7.7}{\text{HOURS (L.S.T.)}}$
	cor	IDITION	,

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N			1.3	1.4	• 3							7.5	10.6
NNE	• 1	1.1	3.8	2.3	- <u>-</u>							1.7	10.0
NE		1.1	2 • 4	• 3	• 1							4.3	5 • ₹
ENE	• 1	1.6	5.6	18								7.1	8.5
E	. 2	4.0	3.11	5.8								23.3	8.7
ESE		1.5	9.5	3.4								14.6	9.1
SE		1.4	4.9	7 7								G . 8	9.4
SSE	3	1.	4	3.2								3.5	, , €
5	-1		1.5	1.3	-1								9.7
ssw		• 5	1.1	1.1								<u>2.</u> 7	9.6
sw		1_	1.5	٥								2.5	9.6
wsw		- 4	1.3	1.2								2.9	9.7
w		5	. ć	1.2					<u></u>			2.8	9.9
WNW			- 5	- 6					L			1.7	9.7
NW			. 4	1								9	ت و د
NNW		. 4	. 2	. 6					ļ			1.3	9 <b>.</b> H
VARBL			L				Ļ						
CALM	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	>>	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	. 4	
	1.5	15.3	52.6	29.E	1.2							1 2 2	4.2

TOTAL NUMBER OF OBSERVATIONS

SELEAR CRIMATOROGY PRANCH CLAFRITAC FILARRITHER SERVICEZMAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	MENNEDY PACE CENTER FL	67-70,77-0_ YEARS	MONTH
	ALL ,S.	ATHER	15. 7-1770 Hours (L.S.Y.)
	COND	NITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
7			- 3	1.3	, ?								1, 9
NNE	1		1.3	2.3	- 2							4.9	10.3
NE	-1		3.7	• 5					·			4.7	5.2
ENE		1.3	5.1	1.9	L				L			è•3	9.0
E	• ?	2.1	15.3	4.9								23.8	5 · C
ESE	• 1	2.	12.4	4.5					<u></u>			19.1	9.€
SE	. 2	1.3	5.5	3.5	. 1							17.2	5.3
35E		.6	4.	2.7								. 6	9.9
5	• 3	• 3	1.4	1.9	• ? -							4.6	9.9
\$\$W		<b>9</b> "	1.	• 2								1.7	7.6
SW	<u></u>		, ?	• 3								1.1	a • 0
wsw	1	1	. 4	. 8								1.4	1 . e
w	L	, 7	. 4	1.8						L		2.7	14.0
WNW	- 2		. 4	1.0	. 3							1.3	11.5
NW			. 5									. 3	5.1
NNW		• 1	. 4	• 1								. 8	ರ.6
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\times$	$\geq$	$\ge$	$\times$	$\times$	$\geq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	. 6	
	2.2	12.4	54.6	28.9	1.3							100.5	5 . 3

TOTAL NUMBER OF OBSERVATIONS

AL ACATHER SERVICIOMAD PERCENTAGE FREQUENCY OF WIND

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	HENNEDY PACT CENTER FL.	6 -70,13-00	MONTH
		ATHER	HOURS (L.S.T.)
	CON	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	- 5	1.	1.7	1.1								4.2	
NNE	. ?	1.2	1.2	• 0	•1		l					5.7	7.8
NE	9	1.0	• 6						L			1	4.7
ENE	• 3	1 • 7	2.2	. 4								- 1	ۥ3
- E	2.2	9.	3.	1.2								. 7	5.4
ESE	1.5	5.4	7.2	1.7					L			1:01	٥.6
SE	2.5	6	6.6	1.			L				L	1	2 • 5
SSE	1.2	2.7	5.4	2.2							ļ	11.5	
S		1.0	2.7	2.2								2.2	5.5
SSW	. 5	1.1	1.7	. 3					<u></u>	L		3.5	7.3
sw		-1	- 2				<u> </u>		<u></u>		<u> </u>		7.7
wsw		3		9.								1.5	3.9
w	a i		1.3	3								2.5	
WNW		. 1.	. 4	. 4								1.3	4
NW				.1					<u> </u>			• 5	9.5
NNW		2	. 3	l								. 9	2.4
VARBL													
CALM	$\geq <$	><		$\geq \leq$		$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	2.3	
	12.4	32.7	39.6	12.2	7							170.0	٥

TOTAL NUMBER OF OBSERVATIONS

CELRAE CEIMATOESSY RAANCH LIAFETAS ATT WIATHER SERVISE/MAG

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	MENNEGY IPACE CENTER FL.	66-73,73- 3	MONTH
	4LL at	A Tell. '	HOURS (L S.T.)
	CON	DITION	

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	L.		1.		• 1								
NNE	•	1.	. 4	• 4									
NE	1	1.3	• 3	• 1		i				<u> </u>		• •	٠,
ENE	_1.5	1.6	1.1			1						4 . 3	4
E	2.6	5.3	4.7	• 8								12.6	6.
ESE	7.5	7.3	5.0	1.5								17.0	L.
SE	3.4	5.1	2.5	. 4								11.4	5
SSE	2.5	4.4	4.	. 4						L		11.2	
\$	3.1	4 . 5	4	1.2								1 2 - 1	٥.
SSW	ن ،	2	1.1	• 2								4 • 1	-
sw	, h	- 4	.0									2.2	5.
wsw	1.1	9	. 0	2									. •
w		1.9	1.	• 3								4	
WNW		L.	. 4	1								1.4	٠.
NW	2		. 1										٠.
NNW			. 2	. 1								1.2	4.
VARBL							L						
CALM	><	> <	><	><	><		><	><	><	><	$\geq <$	5.3	
		7 4 11	21.5	6.3	.1							1:5.2	٠.

TOTAL NUMBER OF OBSERVATIONS

936

TICHAL CLIMATOLOGY PRANCH
CHARLITAC
AND ARATHUR SERVICLYMAG PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED

## SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 <u>3e</u>	KINNEDY SPACE CENTER FL	<u> 69-75,73-95</u>	·
STATION	STATION NAME	YEARS	MONTH
		CL WIATHER	* 1, 1
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		1	1.1	c	. 1							3.	7,8
NNE		- 7	1.7	i	-							7.4	2.04
NE	7	1	1.1	3								2.1	U • 3
ENE	,	1.	2.4	7								÷ . 2	7.1
ŧ	1.7	4.1	7.1	2.3								1:.5	7.4
ESE	1.4	3.7	5.5	1.8								13.3	7.4
SE	1.0	3.1	3,€	1.3								4. €	c • 7
SSE	1.9	2.4	3.1	1.9				1				• 9	7.6
S	1.3	2.7	2.4	1.6	• !							3.5	7.0
SSW	7	1.65	1.1									4.2	5.4
SW	3	. 3	1.1	. 4		• :						3.2	6.5
wsw		1.3	1.2	. 5								3.3	٠.4
w	la.	1.0	1.7	7								5.0	5 • 5
WNW	• 5	- 2	٠, ٥	• 3								2.7	15.1 1
NW	- 5		. 5	.1								1.9	
NNW	. 7	• 4	_ 4	. 3								1.9	٠
VARBL													
CALM	><	><	><	><	><	$\geq <$	><	><	><	><	><	5.0	
	10.4	28.42	34.9	14.8	. :							100.0	÷.7

TOTAL NUMBER OF OBSERVATIONS

CLURAL CLIMATOLOGY BRANCH USAFETAC ATH VEATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

للنصنة	LCY JOA	CE CEN	TE^ FL					<u>€ 6</u>	EARS	<u>.</u>			IONTH	
	_				ALL AL	LASS						<u> 2010+1250</u> HOURS (L.S.T.)		
	_	<del></del>			CON	DITION								
	_													
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
N	l i.c.	. 4	•1	1								2	3,5	
NNE	• <del>6</del>	. 4	• 3									1.	6	
NE	I	7	. 2				I					• 5	5.3	
ENE	. 0											1.2	2.8	
E	2.0	2.4	3.1									7.4	4.9	
ESE	1.9	3.9	1.7	• ?								7.8	5.2	
SE	7.0	2.7	• £		.1		J			Ţ		6.3	4.3	
SSE	3.7	3.4	1.7	. 1								4.3	4 . 6	
<u> </u>	4.2	2.2	2.7	• 6	L							12.7	5.0	
SSW	3.7	4.7	1.2	.1								7	4.6	
sw	2.3	3.2	2.1	.1								4.6	4.0	
wsw	2.6	3.7	1.1	•1						l		7.4	4.0	
w	3.	2.3	. 4									5.2	3.9	
WNW	1.4	3.	• 1									3 . 4	3.4	
NW	1.1			• 1								1.5	3.4	
NNW	1.7	• 1								l		1.4	2.4	
VARBL	<b></b>				ļ.,					<u> </u>				
CALM		><		><	><	><	><	><	><	><	><	13.2	1	
	23.6	35.6	15.0	1.6	, 1							105.3	4.1	
	-								TOTAL NU	WBER OF OB	SERVATIONS		950	
											-		9	

GLORAL CLIMATOLOGY GRANCH
ESABLITAC
AIR GEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED

## SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - : 8 0 _	KENNEDY SPACE CENTER FL	<u> </u>	<b>J</b> ∪ *
STATION	STATION NAME	YEARS	MONTH
	ALL	4CATHED	_₹.C÷95 /_
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	1.1										A	3.
NNE	1.0	. 4										1.4	J.4
NE	. 4	• 3	• 2									1.0	4
ENE	. 7	• ?	• 1									1.7	4.0
E	2.3	2.9	1.0	• 3					1			6.6	4.€
ESE	1.6	1.3	- 3	• 3								4.4	5.1
SE	1.9	1.9	. 3	• 2								4.3	4.5
SSE	2.3	1.2	- 9	. 1								4.4	4.1
S	3.2	5.0	• 7	- 4								9.3	4.5
SSW	4.3	4.9	1.5	.6								10.d	4.4
SW	> 9	3.4	1.4	3								3.0	4.5
wsw	3.1	4.3	1.5							T		d 4	4.4
w	4.5	4.6	• 1							1		9.2	3.6
WNW	2.4	- 3										3.3	2.9
NW	1.8	. 9								1		2.7	3.3
NNW	2.2	. 6							†			2.3	2.5
VARBL													
CALM	$\times$	$\times$	> <	$\geq \leq$	>>	$\geq$	> <	>>	$\supset$		> <	13.8	
	36.3	35.1	7.4	2.3								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

CLERAL CLIMATOLECY PRANCH USAFETAC ATR WEATHER SERVICE/MAK

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	KENNEDY PACE CENTER F.	5^-7C.73-2	MONTH			
	ALL AILE					
		DIDITION				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10 .	- 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	1										1.0	3.0
NNE												i	•
NE	. ie.		,		·	<u> </u>						2.2	2.5
ENE	1.1	·•	<u>l.</u>	<u>. 1</u> .		L						2.4	5.4
ŧ	10	10'		• '					-		ļ	t. 3	5.9
ESE	2.4	2.	· • · ·		<u> </u>		!		L			5.4	4.8
SE	<u> </u>		•	7			L	<u> </u>	ļ	ļ		2.1	4.
SSE	104	<b>i.e.?</b>				<u> </u>	<del> </del>		<b>}</b>			} • •	4.5
s	1.	1.4		• '	L	L		<u> </u>	<b></b>			7.4	5.5
55W	,	2.7	1.	• 11		<u> </u>			ļ. <u></u>			<u> </u>	5.
_sw	<u>" وخ</u>		1	<u>, 4</u>		<b> </b>		ļ	<b></b>	i — —		7.8	؛ و ن
WSW		4.2	7.7	ــــــــــــــــــــــــــــــــــــــ		ļ			1			15.4	5.
w	107	4.1	1 1	L					ļ	ļ	<u> </u>	<del>} • 7</del>	<u> </u>
WNW		2.	, ,			<del> </del>	<u> </u>		<del> </del>	ļ ———		٠.6	
NW					ļ		<u> </u>		<del> </del>	<del> </del>	<del> </del>	4.2	3 - 3
NNW	1.7	1:-				<u> </u>	ļ	ļ	<del> </del>				_2.
VARBL		L			ļ			<b>_</b>	<del></del>	Ļ		<b> </b>	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	>>	$\geq \leq$	15.2	
	32.1	32.4	16.7	7.0	,	,	_ , 1					100.0	4.

TOTAL NUMBER OF OBSERVATIONS

GLUHAT CLIMATOLOGY BRANCH USAFITAC ATK WEATHUR SERVICEMMAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 STATION	STATION NAME	59-76.73-60 YEARS	MONTH
		CLASS CLASS	<u> </u>
		CONDITION	<del></del>

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7	1.	• ?	. 4								7.3	10 43
NNE	. 7	1.7	2 • 4	. 3								2.1	U • 7
NE	. 6	2.3	2.2	1.2								0.5	7
ENE	• 1	2.2	2.9	• 6								5.8	7.4
3	1.1	4.1	3.8	1.6								10.6	7.5
ESE	1.	2.4	2.9	1.3								7.7	7.4
SE	• 0	2.3	1.	• 3								4.2	5.9
SSE	• 2	1.0	2.9	.6								5.3	7 . 4
S	9	2.3	3 . 7	. 9	1							7.8	7.4
SSW	- 3	1.4	1.4	. 4	1							4.3	7.4
SW	. 7	2.8	2.9	1.2	}							7.5	7.2
wsw	1.1	3.3	4.1	1.7								10.2	7.3
w	1.2	4.3	2.3	_ 6								5.0	6.1
WNW	1.2	1.9	1.8	.1							T	ت ن	2.4
NW	2	2	, C,									3.7	4.0%
MMM		. 9	. 3	• 1								1.3	5 • 3
VARBL													
CALM	$\searrow$	$\geq$	$\geq <$	$\geq <$	> <	$\boxtimes$	><	$\times$	> <	$\supset <$	><	3.5	
	11.7	33.2	36.7	11.3	• .7	.1						100.0	<u>6.7</u>

TOTAL NUMBER OF OBSERVATIONS

SLUPAL CLIMATOLOGY PRANCH USAFFIAC ATT WEATHER SEPVICE/MAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	KEANEDY SPACE CENTER FL.	89-70-73-80 YEARS	JL. MONTH
	ALL bc	ATHER	12 10-1405 HOURS (LIST.)
	CON	DITION	

SPEED (KNTS) DIR.	1 · 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		, 7	• 7	• 6								1,5	<b>3 . 4</b>
NNE		1.2	3.8	1.2								5.0	6.4
NE		1.7	5.8	2.1								9.6	5 و ه
ENE	• 1	3 . 3	5.1	1.1								9.7	7.7
E	, i	4.9	14.3	2.2								22.0	7.9
ESE	• 3	2.7	7.9	2.7								13.6	3.5
SE	• 2	1.5	4.7	1.5								8.5	5.4
SSE	. 4	2.1	4.	1.4									<u>عُو</u> ة
S	• 7	1.2	1.2	9								4.6	7.3
ssw		5	. 6	. 9					L			2.2	7.7
sw		1.7	1.4	. 7								3.1	1
wsw	- 2	- 5	2.1	1.1					[			4.4	9.[
w	2	• 3	1.1	. 8								2.9	3.1
WNW	- 4	- 6	• t	-1					<u> </u>			1.7	0.1
NW		2	2	-1		L						. 7	7.7
NNW	• 1	• 1	- 2	• 1								. ć	7.2
VARBL						L	L						
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	><	$\geq \leq$	><	$\geq \leq$	$\geq <$	$\geq <$	$\geq \leq$	• 7	
	7.9	23.4	54.1	17.9	1							156.6	0.1

TOTAL NUMBER OF OBSERVATIONS 930

GLORAL CLIMATOLOGY BRANCH USAFETAC AT- ACATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12.80	MENNEDY SPACE CENTER FL	_ 69-7C.,73-8C	<u> </u>		
STATION	STATION NAME	YEARS	MONTH		
		ALL SEATHER	15-0-17-0		
		HOURS (L.S.T.)			
		CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
2	7	• 7		. 4								1	
NNE		1.1	2.4	1.0	• 1							£ . >	7 • -
NE			2.4	1.0	_ 2_							4.4	902
ENE	. 4	2.4	4.6	1.4								5.9	7.9
E	_ 5	3 4	14.7	1.9								2ۥ6	_ & . 3
ESE	. 7	2 • 4	13.0	2.9								19.0	გ. 4
SE	. 7	1.3	3.4	2.9								13.3	3.7
SS€	• 6	1.3	4.0	2.3			}	}				5.2	
S	. 7	1.2	1.4	1.9					l			5.1	5
SSW	. 4	- 9	7	- 4								1	3
SW	2	7	1.0	. 2								2.1	7.0
wsw	1	9	9_	1.2	.1.		<u></u>		<u> </u>			3.0	9.4
w		. 4	- 5	?								1.9	7.5
WNW			• 3	• 3								1.5	5.4
NW		. 2	. 2	.1		T						. 6	7.6
NNW	• 2	3	. 3	• 1			l					i.1	_ ა
VARBL													
CALM	$\searrow$	>>	$\supset <$	> <	> <		><		$\geq <$	$\supset <$	$\times$	1.3	
-	5.6	18.6	55.3	19.1	. 4							100.0	8

TOTAL NUMBER O	F OBSERVATIONS	an n

CLOBAL CLIMATOLOGY BRANCH CAFITAC ATH AMATHEM SERVICEZMAC

> NNW VARBL

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TATION	<u> </u>	17 1 2F A	<u> </u>	<u> </u>			- 0	114112	<u> </u>					<u> </u>
STATION			STATIO	NAME					Y	KARS				ONTH
						ALL AE	ATHER							<u>-1000</u>
						Ç.	ASS						ноия	S (L.S.T.)
		_												
						CON	DITION							
		_												
	SPEED						r	Í	Γ	T	Γ		T -	
	(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND
	DIR.	i i					İ		ŀ	l	1			SPEED
	N	1.	7	. 7	• 2									5.7
	NNE	. 2	2	9	i	. 1							3.7	5.7
	NE	1.3	1.4	1.1	. 2	• 2							4.3	5.8
	ENE	1.2	2.3	1.2	3				Í	[			[ · 1	5.6
	ŧ	33	3.3	5 2	• 6								11.9	6.2
	ESE	2.3	7.1	5.3	• 2					L			1: 3	3.8
	SE	1.0	7.8	4.1	- 3						<u> </u>		13.2	0.1
	SSE	1.7	5.6	50.	1.3								12.5	5.6
	S	2.4	2.4	4.1	2.								15.2	0.3
	ssw	- 4	1.6	1.3	<u>8.</u>	• 1							4.2	7.5
	sw	٠, ٩	9	1.1	. 4								3.3	5.4
	wsw	. 4	1.0	. 4	• 2								6.1	5.6
	w	. 3	3.	. 9	• 2								4.7	5.8
	WNW	- 2	. 2	• 1									, 7	4.0
	hmas							ı — —	i					

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM (1-8-5 (OL+A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
ALL 44 (1-8-5 (OL+A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GELOFAL CLIMATOLOGY REAVOR

UNAFEITAD

ATTA FATHER SERVICIAMAC PERCENTAGE FREQUENCY OF WIND

### SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 36 STATION	RENNEDY SPACE CENTER FL.	00-70,17-63 YEARS	
	ALL	ALATHER CLASS	21 C-25CC HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	. 9	3										4.00
NNE	- 4	. 7	- 3	• 2								1.	2.5
NE	. 7		ى و	2						L		<i>I</i> • 1	0.2
ENE	1.1	1.1	• 3									≥•6	4.1
E	1.8	3.7	3.3	.1		<u> </u>						5.€	6 و ز
ESE	2.7	5.7	2.1									10.6	4.6
SE	7	5.9	1.7	1								15.7	4.9
SSE	3.3	5.1	2.5	2								11.2	3 <b>.</b> 6
s	4.3	6.€	3.5	1				ļ				14.7	8 و بد
SSW		2.4	1.7	• 2	ļ							L.4	2
SW	1.0	1.7	1.7	1_								4.9	5.1
WSW	1.2	2.	- 4	1	ļ							3.6	4.6
w	1.2	2.2	3		<u> </u>					Ĺ		3.9	4.5
WNW	1.0	°		ļ	ļ							1.3	_ :.3
NW	- 4				<b></b>	<u> </u>		<b>}</b> -	ļ			• 0	<u>و و د</u>
NNW	• 5		• 3	ļ						ļ		1.1	4 . 3
VARBL		<del></del>	<del></del>	<del>-</del>	<b>_</b>	<del></del>	<del></del>	<del></del>	<del></del> _		<u> </u>	ļ	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$	$\geq$	$\sim$	13	
	. E . 7	39.4	13.C	1.6								100.0	4 . 3

TOTAL NUMBER OF OBSERVATIONS

GLE AL CLIMATOLOGY BRANCH USAFLTAC AT AEATHER SERVICE/MAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	MENNEBY SPACE CENTER FL	65-7C,77-2	
	ALL	CLATE	# L L HOURS (L.S.T.)
	C	ONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.2	c	. 3	• 2								2.1	4
NNE	• 5	1.	1.4	5								2.1	7
NE	•6	1.1	1.6	. 6		<u> </u>				Í		۶ د د	7.
ENE		1.7	1.0	, tı								4.8	ć •
E	1.7	3.3	5.5	و و								11.7	Ų.
ESE	1.7	7.4	4	1.7					<u></u>			10.5	_6.
SE	1.9	~ .	2.6	• 8								7.9	٠.
SSE	1.7	2.3	2.6	. 8						<b>}</b>		3.5	٠٠
S	3	3 • □	2.4	• 7	•_`_		• "					9.1	٠.
ssw	1.5	2.4	1.2	• 5	_ • ′							5.7	5.
sw	1.4	2.2	1.6	. 4	- "							5.7	<u>5.</u>
wsw	1.4	2.6	1.7	.6								6.2	€.
w	1.9	2.5	1.	• 2		L						5.7	٠ ڊ
WNW	1.2	3	E .	1								2 • 0	4.
NW	Ŧ.	• 7	• ?	• 1		n.						1.9	4.
NNW	8	• 3	. 2	. 1								1.5	4.
VARBL													
CALM	$\supset <$	><	> <	><	> <		> <	> <	$\supset <$	> <	><	3.6	
	,, ,	32.7	29.5	7.9	_							150.0	

TOTAL NUMBER OF OBSERVATIONS 7,00

CLICHAE CEIMATOLOGY UHANCH LIACETTAC ALV HEATHTH SERVICIZMAC PERCENTAGE FREQUENCY OF WIND

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	KENNEDY SPACE CENTER FL	65-70,77-65 YEARS	
	ALL A	<u>EATHER</u>	#00#8 (L.S.T.)
	ca	NOITION	

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.2	• 1										1.4	کی د
NNE													<u>ئ</u> و ئ
NE		• 1										. 5	. ž • 1
ENE	• 0	• ?	• 5									1.7	4.
E	2.4	2.3	<b>.</b> q									£ • 5	<b>.</b>
ESE	1.5	3.1	• é									5.3	4.
SE	1.3	2.3	] . 4	1								5.7	€.
SSE	2.1	2.7	. 4						[			5.5	3.
S	5.3	9 ¢	2•1									17.2	4 •
SSW	3.2	6.4	1.2								-	17.2	4.
SW	+ • -	3.4	1.5	1								9.5	.4 •
wsw	2.5	3.1	1.7		_							7.3	4.
w	2 ء ٤	3.3	1									6.5	4.
WNW	1.0	2.2	• 1									1.3	3 •_
NW	1.1	- 1										1.2	2.
NNW	1.7	• 1										1.1	٤.
VARBL													
CALM	$\geq$	> <	$\times$	$\times$	> <	$\supset \subset$	> <	><	> <	><	> <	16.5	
	23.4	33.8	11.5	• 2								151.0	~

TOTAL NUMBER OF OBSERVATIONS

	USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE	
1	The state of the s	• • •
ì	<del>-</del>	

CLURAL CLIMATOLOCY RRANCH C ARUTAC A1 - WEATHER SERVICEZMAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	MEANERY PACE CENTER FL.	<u>69-70,77-0</u>	YEARS	<del></del>	Jul Month
	<u></u>	CLASS	<del>_</del>		HOURS (L.S.Y.)
		CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.4												2
NNE	1.		.1									1.7	3.
NE	• :	• 1				]							و ن
ENE	• 6	1.5	- 2									2.3	5.
E	2.7	2.4	. 4									4.C	3.
ESE	1.2	1.6	. 4					-			-	1.2	4.
SE	2.4	2.7	. 5	. ?								5.6	٠.
SSE	1.7	1.9	• ?			1						3.5	٤.
S	3.6	5.1	. 6									12.4	٠ ز
SSW	2.1	6.5	- β						1			13.3	3.
sw	3.4	3.1	. 8									7.3	3.
wsw	2.7	4.2	2.2	<del> </del>								·, •	4
w	2.3	4	- 4			<u> </u>			<u> </u>			ċ.7	4.
WNW	ņ	. 3		<del>                                     </del>								.2	2.
NW	. 5	• 2							<del> </del>				2.
NNW	2 . 2	~1		~		<del></del>			<b></b>			2.4	2,
VARBL		• •		<del> </del>		t							
CALM	$\overline{}$	>>	> <	>	>	> <	> <	> <	>		> <	21.2	
	35.6	35.8	7.2	• 2					`				وند

TOTAL NUMBER OF OBSERVATIONS

SECHAL CLIMATOLOGY HRANCH CONFITAC ATH APATHTH SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 - 6 -	KENNEDY CPACE CONTER FL.	09-75-73-/		JUL MONTH
	ALL	•	HOURS (L.S.T.)	
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1,,			.1								• 6	3 . 7
NNE	1.5												
NE	÷	. 4	. 4									1.5	• :
ENE	• 3	• 6	• 3	• 1								1	ં.1
E	2.4	2.3	. 5	.1								5.5	4
ESE	1.4	2.3	1.2									4.3	_5 . (
SE	1.2	1.5	1.7	•.1								4.2	ړ . ز
SSE	1.7	1.1	• 2	.1_		,						2.1	4.0
S	4.3	4 . (,	1.7									11.3	3
SSW	а. **	4 . 7	1.6									2.7	. 4 . 3
sw	2.7	402	1.8	.1								3.8	7.07
wsw	\$ J	3.5	2.3	2								a 5	5.
w		5 • 2	2.3	.1								11.4	. 4
WNW	1.0	1.2	<u> </u>	.1									4 . 3
NW		3											4.6
NNW	1.4	- 4	1	.1								1_1.c	٤• ﴿
VARBL													
CALM	$\geq <$	$\geq$	><	><	$\times$		><	> <	><	$\supset \subset$	>	17.8	
	33.4		15.4	1.2							<del></del>	16.3.6	~

TOTAL NUMBER OF OBSERVATIONS 93L

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/6 4/2 KENNEDY SPACE CENTER, FLORIDA. REVISED UNIFORM SUMMARY OF SURFA--ETC(1) AD-A102 401 MAY 81 UAFETAC/DS-81/062 UNCLASSIFIED SBIE-AD-E850 093 NL 2 ∘ 5 Albosioi

SEURAL CLIMATOLOGY BRANCH OLAFETAC ATH WEATHER SERVICE/MAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	r. Mi	DY SPA	CE CEN	TE3 FL	69-75.77-36 YEARS								Jul_ MONTH		
2.4.1.5.4		_				ALL nE	ATES ASS						<u>. 9 00</u>	-11"_ s (L.s.T.)	
		_	-			CON	DITION								
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
Ī	N		1.4	. ú									2.5	<b>3.1</b>	
ſ	NNE		٠, د	. 9									3	5.6	
ſ	NE	• 2	1.5	. 9	• 2								3.1	5.1	
Ī	ENE	. 4	2.2	1.9	1.0							, and	5.5	7.1	
Ī	E	•6	3.3	3.3	• 5								₹.3	5.£	
[	ESE	-5	2 • 5	2.6	. 2								L • 5	7.C	
[	SE	2	1.4	3.1	1.2								5,9	a . [	
[	SSE		3 . ~	4.5	. 4								3.0	7.2	
Į	S	1.2	4 , 5	5.7	1.0			L					12.5	U.7	
Ĺ	SSW	, 9	1.9	2.4	. 2		L						5.4	3 و ت	
1	sw	0	3.3	4.5	1.1		L						9.9	1.5	
	wsw	1.3	4.6	3.9	- 4								10.2	5 • 2	
Ĺ	W	1.3	2.4	3.5	- 8			<u> </u>			L		5.3	6.7	
Ĺ	WNW		1.2	1.9	.2			L					3.0	5.7	
	NW	5	1.6	1	<u></u>								3.1	5.3	
į	NNW	5	1.1	. 4				L					2.5	4,9	
L	VARBL				L	L	L								
ĺ	CALM		><	$>\!\!<$	$\geq <$		$\geq <$	$\geq <$	><	$\geq <$	><	$>\!\!<$	7.9	İ	

TOTAL NUMBER OF OBSERVATIONS

GLIPAL CLIMATOLOGY PRANCH
UNAFITAG
ALL- ACATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

## SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	ALANERY SPACE CENTER FL.	69-70,77-40	اں ل MONTH
	ALL aft	ATHER	10 .0-1405_ HOURS (LIST.)
	COND	IITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	. 1	• 3	12.									1.2	6.8
NNE	?	1.2	1.5	. 1					L			_ 3 • €	6 • 6
NE		2.0	2 • "									4.1	6.1
ENE	. 7	1.9	3.7	. 4								6.2	7.
E	4	6.1	11.4	1.6		ļ						19.8	7.1
ESE	. ?	2.2	7.7	1.6								11.8	8.
SE	. 4	2 • t	3.3	3.1	• 1.							14.5	·.
SSE	•1	2.5	7.3	1.9								11.0	3.
5	. 4	1.9	3.4	• 3	• 1							6.2	7.
ssw		1.4	1.5	• 1								3.0	7
5W	. 2	. 3	2.3	_1.5								4.5	٠. د.
wsw	1	1.1	2.5	۰۰								4.6	65
w	. 5	<u>ئ</u>	1.6	- 8	1							3.7	δ.
WNW	. 4	1.2	. 4	• 3								. 4	٠,٠
NW		+	. 5									1.3	5)
NNW	• 1	• 3	• 1	• 1								• 6	5.
VARSL				<u> </u>					Ī				
CALM	$\supset <$	> <	> <	> <	> <	> <	> <	> <	$\supset \subset$	><	>>	.9	
	102	74.7	55.2	12.8			* · · · · · · · · · · · · · · · · · · ·				7	100.0	7.

TOTAL NUMBER OF OBSERVATIONS

GECTAL CLIMATOLOGY BRANCH Drafftac Al- Weather Service/Mag

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	MEANERY SPACE CENTER FL.	<u>69-70.77-8</u>	YEARS	Jol Month
		ALL WEATHER		18.5-1755 HOURS (E.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 · 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	• ?		• 6	• 1								1.5	i.7
NNE		• t	• 8	, 3								1.	7.2
NE	• 3		1.5	2								9.9	7.0
ENE	. 1	1.6	3 • 1	• 2	. 1								7.5
E	• 3	4.4	11.2	1.4			Ĺ					17.7	7.7
ESE	. 3	3 • 3	11.3	2.4			1					17.7	7.9
SE	10:	3.8	9.9	3.4								1:01	9,3
SSE		1,9	5.8	2,9	. 1							11.3	7
S	- 2	1.7	2.9	. 9	1							5.1	5.t
SSW	• 2	1.0	1.0	. 3	. ?	Ĺ	Ĺ	Ĺ				2.7	c . 7
sw	1	. 4	1.7	_ 2		İ						1.7	7.6
wsw	. 2	. 3	2.5	1.0	.1							4.5	4.6
w	5	6	1.5	1.0	-1				ļ			3.8	7.5
WNW	3		. 2				<u> </u>					1.2	5.6
NW	. 1	. 1	. 5										7.5
NNW	• 3	• 2	. 4	. 4		L						1.4	7.5
VARBL	L												
CALM	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.5	
	6 · C	21.8	54.2	14.7	. 8							131.3	7.8

TOTAL NUMBER OF OBSERVATIONS

CLOFAL CLIMATOLOGY RRANCH USAFFIAC AIR WEATHER SERVICE/MAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 To 3 G	KENNEDY SPACE CENTER FL	<u>69-70,72-86</u>	YKARS	JOL.
	AL	CLASS CLASS		18 10-1200 HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 . 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.1		.1								1.97	4.9
NNE	- 4	۽ و		• 1	L							1.1	4.7
NE		. 3	. 2									1.9	4.1
ENE	1.2	1 • =	1.5									4.5	4.9
E	1.5	4.2	2.6									c • 3	3.4
ESE	2.3	5.2	3.4	4								11.3	_5.7
SE	2.9	5.7	4.2	• 2								13.C	ي و
SSE	1.5	5 • E	5.3	1.5								14.3	٤.4
\$	3.1	6	5.2	. 9								16.2	9.2
SSW	. 9	1.9	1.0	. 3								5.1	6.1
SW	7	1.2	• 3	. 4								2.3	٤٠3
wsw	.5	1.2	1.4	. 8	.1	-						4.C	7.6
w	1.1	2.	1.6	• 2	• 2							5.2	6.2
WNW	5	. a	3			Γ'						1.6	4.5
NW	• 5	. 2										• 5	3.3
NNW	. 4	. 5										1.0	3 ، د
VARBL		<b>V</b> -											
CALM	$\geq \leq$	$\geq$	$\geq$	$\boxtimes$	$\geq$	$\geq$	$\geq \leq$	$\geq \leq$	$\geq$	$\geq$		8 • 4	
	18.6	39.7	28.6	4.4	. 3							126.0	5.3

TOTAL NUMBER OF OBSERVATIONS

GLURAL CLIMATOLOGY REANCH USAFETAC ATO WEATHER SERVICEZMAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12:8:	KERNEDY SPACE CENTER FL	69-70.73-90	يا ل ا
STATION	STATION NAME	YEARS	MONTH
	ALL	KEATHER	2100-2300_
		CLASS	HOURS (L.S.T.)
	C	ONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	. 7										1.3	3.1
NNE	. 3	• ?										• 5	7.02
NE	9.	. 3	• 1			L						1.3	3.3
ENE	• 5	• 8	• 6									4.0	4.0
E	2.3	3.9	• 3									7.4	4
ESE	3.2	3.8	1									[ მ.მ	4
SE	5.2	4.3	1.									7.4	4.
SSE	1.7	5.8	1.4							L		8.9	و ز
5	4.4	9.7	3.4	• 5								13.1	š
SSW	7.4	4.5	1.8	• 2		L						10.0	4.
sw	2.2	2.4	• 5	• 1								5.2	4
wsw	1.5	1.3	1.7	• 1								4.6	5.
w	2•€	3.5	9						ĺ			7.3	4.
WNW	• ()	• 5		•1								1.5	3.
NW	, ī.	• 1	1									. 3	3
NNW	1.5	• 2			• 1							1.3	3
VARBL													
CALM	$\geq \leq$	$>\!\!<$	>>	>>	>>	$\geq <$	$\times$	><	$\geq \leq$	><	$\times$	14.7	
	28.6	42.2	13.3	1.1	. 1							100.0	4.

TOTAL NUMBER OF OBSERVATIONS

GLOSAL CLIMATOLOGY BRANCH USAFOTAC ATT #FATHER SERVICE/MAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12:33	MENNEDY SPACE CENTER FL.	69-76,77-×6	JUL. MONTH
	ALL	LASE	HOURS (L.S.T.)
	col	NOITION	

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 3	G	. 3									1.7	4.4
NNE	. 6	5	. 4	.1								1.5	20
NE	C)	• B	• 6	.1								2.0	5.
ENE	• 5	1.3	1.5	• 2								3.6	6.
E	1.7	3.7	3.9	• 5								9.7	ိ •
ESE	1.4	3.0	3.5	.6								5.5	_ ć.
SE	1.4	3.1	3.7	1.0	-							9.3	Ď.
SSE	1.7	3.2	3.1	. 8								h . 5	٠.
S	3.1	5.5	3.3	. 4	c_							12.4	١,
SSW	2.6	3.5	1.5	. 1	_ • ^							7.8	4.
SW	1.7	2.4	1.6	. 4								5.1	. 5 .
WSW	1.3	2.5	2.3	4_								5.6	6.
<b>w</b>	1.5	2.0	1.6	. 3	. 1							6.3	נט
WNW	• 7	. 7	4	.1								2.0	5.
NW	5	. 4										1.7	3
MMM	ę	. 4	- 1	1								1.5	4.
VARBL													
CALM	><	> <	> <	> <	$\supset \subset$	$\supset <$	> <	> <	$\supset <$		> <	15.6	
	21.G	34.6	29.3	5.3	2							100.0	

TOTAL NUMBER	OF	OBSERVATIONS	 7440

GLOBAL CLIMATOLOGY PRANCH Unafetac Ale Weather Service/Mac

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_	STATIO	TER FL		ALL *£	ATHER		·	EARS			MONTH <u>JCJC - 1200</u> HOURS (L.S.T.		
												HOUR	15 (L.	
	_	,		_	CON	DITION				<del></del>				
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	3	
N	1.6	4		.1								6.2		
NNE	• 3	. 2												
NE	. 6	. 4				ļ	<u> </u>		L			1.1		
ENE	1.7	1.2		• 1								2.2	L	
E	4.8	3.3	1.4	. 2		<b>├</b>			<u> </u>		_	7.8	L	
ESE	4.3	5.1	1.2				<del></del>		ļ	<u> </u>		11.1	┞-	
SE	4.1	3.7	• 2	•1					<del> </del>		<del></del>	5.1	╀	
- 33E - 5	2.5	4.	. 4	<del>                                     </del>	ļ		<del>                                     </del>	<del> </del>				6.9	╁	
	2.0	2 . 2	.6	•1	1			<del>                                     </del>	-			13.1	╁	
SW	1.1	1.4	-3	• •					<del> </del>	1		2.5	╁	
wsw	1.7	. 8	- 4			<del> </del>			<del> </del>	<del>                                     </del>		2.9	t	
w	1.3	1.2										2.5	1	
WNW	1.2	. 1										1.3		
NW	. 4	1	1	İ										
NNW	1.5	. 5										2.0	L	
VARBL	Ļ.,			Ļ,								<b>.</b>	L	
CALM	$\geq \leq$	> <	$\times$	> <	$\times$	$>\!\!<$	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\times$	26.5	L	
	36.3	30.5	5.8	ع ـ								122.4		
					_				TOTAL NU	MBER OF OBS	ERVATIONS			
										0. 000				

CLCCAL CLIMATOLOGY PRANCH USAFETAC ATT MEATHER SERVICEZYAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.1.0	KINNEDY JPACE CENTER FL	69-76.73-45	
STATION	STATION NAME	YEARS	MONTH
	ALL	SEATHER	<u>::5=10:</u>
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	2	, ,										2.4	2.5
NNE	1.3	a a											2.2
NE	1.6	. 5	• 1				L					2.3	3.2
ENE	3.0	1.3		. 1								3.4	3.6
ŧ	3.3	4.0	. 4	. 1								7.8	4.0
ESE	4.5	4.4	- 7					l	L			9.1	3.7
SE	2.5	2.6	. 1	• 1								5.4	3 • 8
\$SE	2.9	1.7	_1.0									5.6	4.2
S	5.7	3.2	3									9.2	3.2
SSW	2.6	3.7	- 5									6.8	4.0
5W	3.1	1.0	- 5	1								4.7	<u>3.9</u>
wsw	1.4	- 6	- 4									2.5	3.8
w	1.6	. 3										1.9	2.7
WNW	1	- 4		1					1	-		1.4	2.0
NW	1.7	5										2.3	2.7
NNW	2.5	• 3										2.8	2.6
VARBL													
CALM		> <	$\geq$	X	$\geq$	> <	$\geq \leq$	$\geq \leq$	$\supset <$	$\searrow$	>>	30.3	
	40.0	25.6		. 4								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 930

GLEBAL CLIMATOLOGY BRANCH USAFETAC AIH WEATHER SERVICI/MAG

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	KENNEDY PACE CENTER FL	<u>63-76.73-01</u>	YEARS	MONTH
•	A_L	AEATHER CLASS		1600-1610 HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.	. 1									3.3	3.0
NNE	1.9	. ?	•1									2.4	700
NE	2.5	<u>, ç</u>	.6	•1		L	<u> </u>	[	L	Ĺ	Ĺ	3.€	3.8
ENE	4.1	1.9	• 9	• 1		<u> </u>	l					7.0	3.7
E	4.4	3.5	2.1	<b>,</b> 5		<u> </u>		L				10.9	4.8
ESE	3.2	2.5	. 8	• 2								6.7	4.3
SE	1.7	1.6	1.4									4.7	5.0
SSE	2.2	2.	. 4	- 1		<u> </u>						4.7	4.2
5	3.2	2.5	1.4	L	L		<u> </u>		L			7.1	4.3
SSW	3.0	2.7	1.7									5.7	4.1
sw	1.2	1.6	1.1	1								3.3	5.2
wsw	1.5	1.3	1.1								Ĺ	3.9	5.0.
w	<b>i.</b> a	1111	2					L				2.6	3.4
WNW	1.2		. 2									1.9	3.5
NW	1.1	~	1		I	l	Ī					1.5	2.9
мии	1.3	, q	. 1									2.9	3.3
VARBL													
CALM	$\searrow$	> <		><	$\geq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	26.7	
	37.2	23.4	11.5	1.2								120.0	ئەن

TOTAL NUMBER OF OBSERVATIONS 9.71

SECHAL CLEMATOLOGY SPANCH
LEATURAC
ARE HEATHER SERVICEAMAG PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED

## SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1: 235	KENNEDY SPACE CENTER FL	6 <u>?=70,7?=</u> :0	" ب ۵
STATION	STATION NAME	YEARS	MONTH
	<u></u>	NEATHER	1970-1173
		CLASS	HOURS (L.S.T.)
	·	ONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		1.3	1.2	. 2								• 3	0 • C
NNE	1.2	1.5	1.5	• 1								6.04	j.4
NE	. 5	2.3	1.3									4.0	
ENE	1.5	3.5	2.4	• 6								3.2	5.1
E	1.7	6.3	7.8	1.3								17.2	6.5
ESE	. 9	5.3	5.3	.6								12.5	6.7
SE	. 3	2 • 2	3.4	, <u>r</u>								2.5	7.2
SSE	6	2.6	4.4	. 6.								٠٠٠	7.3
S	1.1	3.0	4.6	- 5								10.1	ა • 6
ssw		2.1	1.4	• 2								4.2	5 • 9
sw	. 3	2 · f	2.7									5.6	U . 6
wsw	. 4	2.4	1.5	. 2								4.5	5 • 4
w		1.7	_ 6	1								2.8	۽ و د
WNW	G		- 2									5 و [	.4 • 4
NW	0	1.2	• 2									3	4 • 1
NNW	. 7	ر •	•6									1.5	2.5
VARBL													
CALM	$\searrow$	$\times$	> <	> <	$\supset <$	><	><	><	><	$\supset <$	><	2.5	
	13.1	39.9	38.6	5.9								150.0	6.2

TOTAL NUMBER OF OBSERVATIONS

CLICAL CLIMATOLOGY PRANCH CHAPTITAC AIN MEATHER SERVICEZMAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 33 STATION	NENTEDY SPACE CENTER FL	60-76,77-20	YEARS	MONTH
	<u> </u>	AEATHES CLASS		17 0-14" HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		•	1.3	1.1									9.0
NNE	٠ ۲	1.4	2.5	1 2								4.7	€ €
NE	. s	2.3	7.6	.1.								3.7	5 . €
ENE	• 5	3.5	5.9	1.4								11.3	7.5
ŧ	- 4	6.5	17.5	1.6								20.5	7.7
ESE	. 5	2.8	3.7	1.4								13.4	
SE	2 ?	2.3	7.4	. 6	• 1							11.0	
SSE	. 4	1.5	5.1	2.6								· 7	_c_s
<b>S</b> -	• 1	1.5	2.2	. 3	. 1							4.3	7.5
ssw	_ 1	_ • c	. 6	. 2								1.6	7.2
sw	3	ч	1.2	. 5								2.6	7.5
wsw	.1	. 1	1.4	9								_ 5	7
w		5		1.								1.1	ا و د
WNW	1		1	1									7.6
NW	. 1	. 4	. 1									. 4	5 .
NNW	- 1											• 1	2 • 5
VARBL													
CALM		$\supset <$		$\geq <$	><		$\supset <$				><	• 5	
	4.5	24.7	58.5	11.2	. 1							152.0	7.

TOTAL NUMBER OF OBSERVATIONS 935

USAFETAC	JUL 64	0-8-5 (OL-A)	PREVIOUS	EDITIONS	OF	THIS	FORM	ARE	OBSOLETE

GELTAL CEIMATOLOUY BRANCH Groretag At Grother Service/Mac

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	ELANERY PACE CENTER FL.	53-72, ?3-CU YEARS	MONTH
	ALL CL	ATHE S	HOURS (L.S.T.)
	CONC	ITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		. 7	1.1	• 4								4	1.5
NNE		1 - 2	1.2	• 3								- 3	4
NE	. 5	1.7	1.4	- 2									<u>ءِ ۾ نِد</u>
ENE		3.3	5.6	. 4				Ĺ				1.6	7.3
E	1.7	5.3	17.2	1.7				L				27.4	7.5
ESE	4	2 • t	1	1.3		L	L					19.3	
SE	1.	2.5	1 4	2.2	Ĺ	L						1 . ;	ے وی
SSE			3.9	1.4		ļ	<u>}</u>						2.7
5	1.2	• 1	. 4	. 5	1		<u> </u>			1			<u> </u>
SSW			- 5	. 3								1.5	7.1
sw			. 5	• :							<u></u>	1.3	9.3
wsw			<u> </u>	. 5						L			2
w		3	1.1	. 5								7	5.5
WNW	ł		. 3				L				<u> </u>		. 9
NW		, li				l	<u> </u>						<u> </u>
NNW	?	• i	. 3	• 2					L	<u> </u>		1.4	6
VARBL													
CALM	$\supset <$	><	$\geq <$	$\supset <$	><	$\triangleright <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		- • .î	
	8.2	22.6	56.5	10.8	• 2	. 1						101.0	7.5

TOTAL NUMBER OF OBSERVATIONS

CLUMAL CLIMATCLOGY BRANCH UMAREMAC A. AMATHUR SERVICLIMAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 3 J	MENNERY SPACE CENTER FL.	60-70-71-11-11-11-11-11-11-11-11-11-11-11-11-	MONTH
	ALL_&	CLASS	1215 = 250 Hours (L.S.T.)
	co	ONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	, c	2	1.3										ئ <b>،</b> ز
NNE	د	1.2	_ 4				L						4.5
NE	, a	- 3										1.7	4 . 4
ENE	1.7	1.2	1.4				l		L			4.2	5 • É
E	5.0	1 3	4.5	• 3				L				71.1	4.0
ESE	4.2	50.	7.7	. 3								10.3	5 .
SE	_3.3	5.1	2	• 7					l			13.5	٠, ٠
SSE	1.2	4.4	2.4	1	ł								
5	1.6	2.7	1.6	• 1								t.i	اود
ssw	<b>,</b> 0	2.	• 7	L				<u> </u>	Ī	L		3.9	4.1
sw			5	. 3			L					1.7	C • 1
WSW	. ?	_ 4	. 7	1_	L		<u> </u>	l		<u> </u>		1.7	0.
w		_ • _	_ 5	1					L			1.5	1.
WNW	2		. 2			l							4.
NW	, c	3				1						1.0	
NNW	•	• ?	. 1	• 1			L					, ć	
VARBL													
CALM	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	><	$\triangleright <$	$\supset \subset$	$\supset <$	><	><	11.2	
	27.5	42.4	70	1.5		1						ırda.	4.

TOTAL NUMBER OF OBSERVATIONS

SERIAL CEIMATOESSY PRANCH L'AFFTAC AIR MATHIK SERVICIZMAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	SEANEDY SPACE CENTER FE	69-70,77-65 YEARS	,
	ALL NE	ATHE ?	HOURS (L.S.T.)
	CON	IDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.4	ć	6										4,
NNE	1.2	1.1			-1								4.
NE		• 6				l		l				_ • •	· .
ENE	1.3	1.1	• 4									J • 1	4 •
E	5.9	_5.8	1.5	• 3								13.4	4 .
ESE	1.2	5.1	1.4	?								15.6	4.
SE	? • 3	5.4	1.									7.7	4 .
SSE	7.1	5.7	• 5						i – –		-	9.4	4.
S	2.4	3.4	1.8	. 3								₹.6	4 .
\$5W_	7,5	1.2	. 4									- 1	_3.
sw_	1.0	1.2	2	1.								5.5	4.
WSW	1.1	c	. 4	1								2.2	4.
w	9	. 4							1			1.2	_3 •
WNW	4	3						<u> </u>				_ 6	_2.
NW	2	. 4										• 0	3.
NNW		. 6	.2					I				1.4	_4.
VARBL													
CALM	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	> <	$\supset <$	$\supset <$	$\supset <$	$\supset <$	> <	71.5	
	37.8	35.9	8.5	1.1	. 2	<u> </u>						151	

TOTAL NUMBER OF OBSERVATIONS

TO SAL CLIMATOLOGY BRANCH AFETAC AT AFATHIN SERVICE/MAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	ASHNEDY SPACE CENTER FL		^ \
STATION	STATION NAME	YEARS	MONTH
	AL	L oLAIHE?	. ALL
		CLASS	HOURS (L.S.T.)
		CONDITION	
_			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.2	2	6	- 2								7	3.5
NNE	1	1.5	ę	1									1.6
NE	. 9	1.2	- 9	1									3.6
ENE	1.5	2.2	2.3	• 3								5.4	5.9
E	3.5	5.7	6.5	c,								15.8	6.1
ESE	2.2	4.7	3.9	ت و								12.3	5.7
SE	1.1	3.5	3,3	٠, ٩							:	9.3	5.5
SSE	1.7	2.9	2.3	. 6		ļ	ļ					7.5	5.4
\$	2.7	3	1.7	. 2						l	l	7.6	5 . C
SSW	1.5	1.9	. 8	• 1						<u> </u>		4.3	4.6
SW	1.0	- 9	. 8	. 3						<u></u>		1 و ذ	5.6
WSW	• 2	. ?	. 9	2								2.5	5.9
w	.,	- 6	3	1_			L			<u> </u>		2.1	. 5.1.
WNW	.6		-1	-1								1.2	9.2
NW		. 4										1.2	3.8
NNW	9	. 4	• 2				<u> </u>					1.5	3.9
VARBL									<u> </u>				]
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!\!<$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	15.2	]
	24.5	30.6	25.4	4 1	1_	a						160.0	4 . 7

TOTAL NUMBER OF OBSERVATIONS 7445

GLURAL CLIMATOLOBY RRANCH UNETITAC ATRINER SERVICEZMAC PERCENTAGE FREQUENCY OF WIND

STATION MENNEDY SPACE CENTER FL

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL AL	ATHED							<u>~ (° ) (° (</u> В (ы.в.т.)
													- (
	_				CON	DITION							
	_									<del></del>			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	31 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	• 5	. 3									• 1	7 . د
NNE	g		. ?									1.2	. 7
NE	1.1	_ • 6	_ • 5	. 6								2.5	5.9
ENE	2.1	1.	.2	• 7				[				4.6	€.2
E	4.3	5.3	2.2	• 0								13.2	5.1
ESE	4.1	7.7	1.7	. 4								13.9	4.
SE	4.0	3.6	٩٠									9.1	3.5
SSE	2.4	2.	. 4	. 3				L				1	4.5
S	2.7	2.2	2.0	1								7.0	5.1
SSW	1.9	1.4	. 9									4.2	4.5
sw	1.7	1.1	1	1			خوال					2 . 7	4.7
wsw	1.3	1.6						. 2		ļ		1 3.1	<u>  ১.5</u>
w	1.3	1.0		3		İ			ļ	L		3.5	403
WNW	1.2		1									1.4	3.7
NW	. 9	. 9	. 2						l			نعت	4.1
NNW	6	. 4			Ĺ							1.0	3.6
VARBL	]												
CALM		$\times$	$\sim$				$\sim$		$\sim$			22.5	

TOTAL NUMBER OF OBSERVATIONS

CLUSAL CLIMATOLDGY BRANCH USBELTAC ALL ACATHER SERVICE/MAC

NNW

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	NEANE	CY SPA	CE CEN	TER FL			<u> </u>	16.7	<u> </u>					
ON			STATION	HAME					Y	EARS			M	ONTH
		_				ALL at	ATHER						7.0	
						CI	ASS						HOUR	5 (L.S.T.)
		_					DITION							
						CON	DITION							
		_												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
r	N	2.	1.1										4.i	3.4
	NNE	,	. 6	2									1	4.1
ſ	NE	1.5	1.2	- 6										4.7
Γ	ENE	• 0	1.9	c	. 3								4.0	3 . €
-	E	5.7	3.9	1.7	.6								11.1	4.5
Γ	ESE	7.0	5.1	1.4	- :								11.1	4.7
Γ	SE	2.4	2.1	. 7	. 2								. 4	4 . 4
ſ	SSE	1.6	1	4	3					ì			4.1	4
Ī	5	2.4	1.4		• 1								4 . 5	4.2
ſ	SSW	2.7	2 • ^	• 7	.2								5.6	4 • 5
	sw	1.5	. ;	• 1	1								3.0	6.5
ľ	wsw	1.3	1.3					[					3.1	3.4
- 1	w	7	1.3	?	• 2								3.9	4.3
Ī	WNW	1.4	<u></u>	2									2.2	3.5
r	NAM	1 3			1	1			1	1	1		2 /	11 -

TOTAL NUMBER OF OBSERVATIONS 922

27.8

CLUMAL CLIMATOLOGY SHANCH CINFETAC AL MEATHER SERVICE/MAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	NAMEDY SPACE CENTER FL	33-70.73-30 VEARS	MONTH
	ALL	ATRE R	HOURS (L.S.T.)
	CON	IDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.2	2.	,,	•1								4.0	4.0
NNE	1.1											1.0	3.
NE	1.1	1.7	• 6	, ?								3.3	₹.
ENE	2.7	1.7	1.6	• 1								6.1	4.
E	4.3	5.2	2.4	. 3								12.5	4.
ESE	3.0	4	2.8	• 1								7.8	5.
SE	_1.6	1.4	٠É	• 1				i				3.7	4.
SSE	• 3	. 8	. 4	3.						i			0.
S	1.2	1.2	٠, ٩	• 1					T			3.6	4.
55W	1.3	1.9	. 4	• 2		. 1		Ī				4.4	5.
sw	1.2	1.1	• 7									3.2	5.
wsw	1.7	1.0	3	• 1								3.1	4
w	3.3	1.6	• 7	. 1					<u> </u>			5.7	. j.
WNW	1.7	1.3										3.0	. 3.
NW	2.1	1.4	. 2									3.3	_ 3 •
NNW	1.5	1.3	• 2									I.1	4.
VARBL									<u> </u>				
CALM	$\supset \subset$	>>	$\times$	$>\!\!<$	> <	>>	> <	> <	> <	><	> <	24.9	
	31.8	23.4	12.2	2.3	. 2				<u></u> 3			135.5	_ 3.

TOTAL NUMBER OF OBSERVATIONS

CLICARL CLIMATOLOGY ARANCH Usafetac Ata weather service/mac

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.:30	KENNEDY SPACE CENTER FL	<u> </u>	<u> 5g w</u>
STATION	STATION NAME	YEARS	MONTH
	A	LL ACATHER	
		CLASS	HOURS (L.S.T.)
		CONDITION	<b>-</b>
			<del>_</del>

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.1	1.5	1.2	7								-, 2	ن و ز
NNE	• '9	3.1	1.2	1								: • ?	5.2
NE	. 7	2.4	2."	. 3								5.4	6.3
ENE	. 7	2.5	3.3	• 9	• ?	• 1		1	i			8.4	7.5
E	1.6	5.8	3.3	2.1								15.8	7.2
ESE	. 9	3.0	6.9	1.0							T	12.6	7.2
SE	۾	1.9	2.4	. 3						<b>—</b> —	† — — —	5.8	6.5
SSE	. ?	2.2	1.9	1.5								5.4	7.2
\$	. 3	1.3	1.7	• 3	.1							4.2	7 • C
SSW	- 1	1.2	1.7	3.								5.1	7.7
sw	. 3	1.7	1.6	. 4	•1	• ?						4.3	z • 1
wsw	. 7	_2.€		• 1								4.1	5.3
w	1.2	2.6	1.2	• 2								. 2	5.4
WNW	- 3	1.1	. 7									2.4	4.6
NW	- 3	1.0	• 4									1.8	5.1
NNW	1.1	2 • :	.6	• 1								3.8	. 2
VARBL													
CALM	$\times$	$\times$	$\times$	$\times$	$\mathbb{X}$	$\times$	> <	> <	> <	> <	><	5.0	
	11.8	36.4	35.9	8.1	. 4	. 3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

OL HAL CLIMATOLOGY BRANCH Chaf. Tac ats Weather Service/Mac

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 .3 .	KENNEDY SPACE CENTER FL	_ 63-72.73-30	- خ ج
STATION	STATION NAME	YEARS	MONTH
	ALL	AEATHER	1200-1470
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		. 6	2.4	2								3.6	7.
NNE	• 3	1.7	2.2									4.4	_ 5 •
NE	. 3	3 <b>.</b> a	4.7	1.5								3.0	7.
ENE	. 7	5.4	6.7	1.3				• 1				14.4	C •
E	. 4	7.8	14.9	4.2								27.3	7.
ESE	. 7	3.4	6.7	. 9								11.7	7.
SE	. ?	2.3	4.3	1.4								6.4	٤.
SSE	• 2	1.8	3.4	1.3								ರ್ಲ. 5	. ž.
S	• 1	• t	1.~	- 6								2.2	7.
SSW	• 3	. 7	. 7	• 3								1.7	7.
SW		• 7	• 3	• 3	. 3							2.1	9.
wsw	• 3	. 9	.6	• 2								1.9	٥.
w	• 2	1.3	1.2		• 1							2.9	t.
WNW		- 4	.6	. 2								1.6	٤.
NW		. 2	• 1									- 3	5.
NNW	. 2	•1		•1								.4	5.
VARBL				, <u>, , , , , , , , , , , , , , , , , , </u>							<u> </u>	1	
CALM	><	$\supset \subset$	> <	$\supset \subset$	> <	$\supset \subset$	$\supset <$	> <		> <	> <	•7	
	4.9	31 - f	50.2	12.4	4		2	.1				100.0	. 7.

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SUCCAU CLIMATOLOGY BRANCH U:AFETAC Al- #EATHER SERVICE/MAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12:85	KENNEDY SPACE CENTER FL	69-76.73-86	: { L
STATION	STATION NAME	YEARS	MONTH
		ALL AFATHER	1500-1700
		CLASE	HOURS (L.S.T.)
		CONDITION	<del></del>

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	17 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			1.2	- 4								4.3	್ ಕ
NNE	7	1.7	1.9	. 4	. 1							4 . 4	7.3
NE	. 4	2.9	3.3	.7			• 1				L	7.4	7.4
ENE	• 3	4.3	6.3	. 9		.1	. 1					12.6	7.4
E	1.8	13.9	13.2	3.3								31.2	7.3
ESE	1.6	4.4	3 •	2.1								16.1	7.4
SE	. 4	2.7	3.4	1.2				}				3.0	7.7
SSE	• 1	1.7	2.4	1.3								5.2	3 • 5
\$	. 1	1.1	1.1	7								3 • C	7.7
SSW	• 4	. 4	• ?	• 1.				L				1.2	5 • C
sw	.1	. 6	. 2		. 7		_					1.2	9.1
wsw	• 1	. 7	. 2	• 2								1.2	7.0
w	. 3	7	. 4	• 1	1							1.7	ن - 5
WNW		4	. 4					l				1.0	5.5
NW	.1	. 3										1 .4	4
NNW	2	. 4	• 3	• 3								1.3	7.9
VARBL									I				
CALM	$\geq \leq$	$\geq <$	$\geq$	$\geq$	$\geq$	$\geq <$	$\geq \leq$	$\geq$	$\triangleright <$	$\geq \leq$	$\supset \subset$	1.6	
	7.3	33.4	44.9	11.9	. 6		• 2					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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BUUKAU CUTMATGUNGY PRANCH UTATETAC ALE WEATHER SERVICE/MAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 Q E	KENNERY SPACE CENTER FL.	64-70-73-30 VEARS	\$ <u>6 6</u> Month
		ALL MEATHER CLASS	4910-2000 Hours (4.5.1.)
	**************************************	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 7	• 7	• 7	.1								i	. 6
NNE	1.0	3	9		.1_								5.7
NE	1.4	2.	. 9	. 4								5.6	5.5
ENE	1.9	3.3	1.3	. 7								7.2	5.5
E	5 • 1	12.7	4.9	1.0		• -	• 1					25.0	5.4
ESE	5.3	7.8	3,6	• 5								17.4	5.0
SE	2.5	5.	1.2	• 1								5.9	4.5
SSE	2 • 3	3.1	2.2	• 2				,		}		7.9	
\$	1.1	2.3	. 6	• 3								4.3	5.1
ssw	5	1.1	• 3	• 2								2.2	5.4
SW	. 7	. 4	. 4	• 1	• 1							1.4	6.9
wsw	2.	. 4	- 1	• 1								1.4	4 . 5
w	1.6	. 4	• 2	• 2								2.4	4.5
WNW			. 4									. 7	7.8
NW	3	. 4										.0	3.6
NNW	.1	.:	• 7									1.1	U • 6
VARBL										1			
CALM	$\geq <$	$\supset \subset$	> <	> <	$\supset <$	$\times$	> <	> <	$\supset$			3•8	
	26.1	42.0	18.4	4.1	.2	. 2	. 1					120.0	4

TOTAL NUMBER OF OBSERVATIONS

GLORAL CLIMATOLOGY BRANCH USAFLTAC ATH WEATHER SERVICEZMAC

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	<u>EDY SPA</u> -	STATIO	N NAME		ALL AE		76.73-	· ·	EARS	_			ONTH - 237 8 (L.S.T.
	-				CON	DITION							- (
SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WING SPEED
N	1.1	• 1	• 1	. ?						<del></del>		1.7	. 5
NNE	. 5	7	• 3	.1			<del></del>		<del> </del>			1.7	-
NE NE	1.2	1.7	_ 6							<del>                                     </del>	<del>                                     </del>	3.8	5
ENE	1.4	1.7	1.4	.4_		·	<u> </u>		<b></b>	† · · · · ·	<del> </del>	4.6	ن
E	5.7	9.2	2.8	1.3		<del>                                     </del>				<del> </del>	<del>                                     </del>	13.4	5.
ESE	6.2	7.7	2.6	.4	• 1	<del> </del>	<del>  • '</del> -		<del></del>	<del> </del>		17.	4
SE	4.	3.2	.4	• 1		<del></del>			<del></del>	<del> </del>	<b></b>	7.8	4
SSE	7.6	4.1	9	. 1	<del> </del>	<del>                                     </del>	<del>                                     </del>		<del> </del>	† —	<del> </del>	7.6	4
5	3.7	2.7	1.1				<del>                                     </del>		<del>                                     </del>	†	<del> </del>	7.7	4
SSW	1.	2	.6	. 3			<del> </del>		i	<del>                                     </del>	<del></del>	4.7	4
sw		3	.1		<del> </del>		†			<del> </del>	<del> </del>	1.0	4
WSW	3	.6	•1	•1	<del>                                     </del>		<del></del>			<del> </del>	<del> </del>	i.s	4
w	1.9	1.6	•		<del> </del>		<del> </del>	<del></del>	<del> </del>	<b>†</b>	<del> </del>	3.7	3
WNW	7	. 3	<del>                                     </del>	1							<del> </del>	1.1	4
NW	.3	1	-1		<del></del>			<del> </del>		<del> </del>	<del> </del>	6	4
NNW	. 3	9	• 2			<del> </del>	<del></del>		<del>                                     </del>	<del>                                     </del>	<del> </del>	1.4	4
VARBL	# <b>-</b> -	1	•		t				<del> </del>	<b></b>	† · · · · ·	1	
CALM												15.3	
CALM													
	32.1	36.9	14.2	4.2		<u> </u>		L	l	L	<u> </u>	100.0	4
									TOTAL NU	MBER OF OBS	SERVATIONS		۶

CECTAL CLIMATCLOGY PRANCH PARLITAGE ATH ACATHON SERVICE/MAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2 2 0	KENNEDY SPACE CENTER FL	610.73-2	
STATION	STATION NAME	YEARS	MONTH
	ALL	WEATHER.	Հ Լ Լ
		CLASS	HOURS (L.S.T.)
	c	ONDITION	
	•	ONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	, c	. ت	• 2								2 • 1	5.4
NNE	• 7	1.2	Ģ	.1	`•							• 7	5.
NE	_ G	2.1	1.6	- 4	• 1							5.2	٠.
ENE	1 • 4	2.7	2.8	.7	• "	• 13	• "	• :				7.7	ι.
E	3.7	7.7	6.5	1.7		•	. 7					19.7	5.
ESE	2.2	5.5	4.7	• 7	• :							13.7	5.
SE	2.1	2.3	1.6	. 4								7.1	5.
SSE	1.3	2.1	1.5	. 7								t	6.
S	1.5	1.7	1.1	. 3	•							4.5	5
SSW	1.2	1.7	• ŧ	• 3		•						3.4	
sw	• 7	9	• 5	•.1	• 1	• 1	•1					2.5	0.
WSW	.9	1.1	• 3	.1								2.4	ۍ خ
w	1.5	1.4	. 5	. 2								3.7	4.
WNW	. 3	. ś	• 3	. 7								1.7	4.
NW	• 7	• 7	. 2									1.5	4.
HNW	. 9	نب	• 2	- 1								1.0	4.
VARBL													
CALM	$\times$	$\supset <$	$\supset <$	$\supset <$	$>\!\!<$		> <	> <	$\supset \subset$	>>	$\times$	13.3	
	22.6		23.9	6.1	. 2	. 1	• 1	<b>.</b>				100.0	5

TOTAL NUMBER OF OBSERVATIONS 7200

GETHAL CLIMATOLOGY PRANCH CAMPETAC ATH FRATHER SERVICEMMAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11.11	ECY SPA	STATIO	NNAME				1 : 1 : 1 : -	- V	EARS			м	ONTH
	_	- <del></del>			ALL A	ATHL?				_			\$ (L.S.T.
	-		·		CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.2	1.	2	.3						-		7.2	ا و ز
NNE	1.5	1.2	1.4	1.0	1							1	7.
NE	1.4	1.3	1.6	2.9		<u> </u>						ا و د	ا و ر
ENE	1.4	3.2	2.3	2.9	• 3	. 1						1	6.4
E	2	5.2	5.5	:.6	-1					<u> </u>		17.5	7.
ESE	2.2	1.7	1.4				ļ. —					. 5.3	4.
SE	1.5	1.7	. 9	. 3	• 1		ļ		ļ			4,4	5.03
SSE	1.1	1.9	- 4	ļ	<b></b>			<u> </u>		<u> </u>	i — —	3.1	4.
<u> </u>	1.4	1.5	- 5				<b></b> -					3. 7	4.
ssw	• 3	•	• !								<del> </del>	1.3	4 . 6
SW_	<u> </u>	1.1	- 2	-	<del></del>			-	<del> </del>			<u> </u>	4 . !
wsw		2.5	• 3	• 2		<del> </del>	<del> </del>	<del>                                     </del>	<del>)</del>	<del> </del>	<del>                                     </del>	1.9 5.2	4 •
WNW	1.1	1						-				. 4	<u> </u>
NW	1.7	2.2	3	. 3		<del> </del>				<u> </u>		4.4	4.0
NNW	1.6	1.9	.5	.6			<del></del>	<b></b>				4.8	3
VARBL	1				1	<del></del>	<u> </u>						
CALM					><	$\supset \subset$	$\geq <$		><	$\geq <$	><	12.9	
	23.7	30.8	18.3	12.3	9	. 1						100.0	
									TOTAL NU				
													<del>, 2</del> 21

LED AL SEIMATOLOGY BRANCH Sylectag Alberther Sebviclymae

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1_ : 3	ALNALSY SPACE CENTER FL		3-61	
STATION	STATION NAME		YEARS	MONTH
		ALL CATHER		<u> </u>
		CLASS		HOURS (L.S.T.)
		CONDITION	-	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	1) - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	3.1	1.1	.5									3
NNE		1 • 3	• 5	1.3	. 2							5	7.1
NE	1.1	2.5	2.7	2.2	. 1			<u> </u>				: • 5	7.5
ENE	1.3	2.6	2.?	2.1	. 4							9.3	ತೆ • 5
£	3.1	7	3.0	2.0								10.9	6,.6
ESE	1.1	1.	1.	. 5	1							? - 7	έ.7
SE	• 3	. 9	. 4	• 2								: • 3	· 5
SSE	1.1	1.	_ 3	1									4.4
S	, ,	<u>ئ</u>	1.3									3	<u>2 • 3</u>
ssw	192	- 4	. 9				I					1.00	- 6
sw	1.2	9	• 1								Ĺ	2.5	3.5
wsw	1.6	1.2	. 7									3.1	2 . €
w	1.9	2.5	. 4									4.7	7.1
WNW		. 2.4			L"							4.4	±.7
NW	4.2	2.7	. 9									5.7	4.4
NNW	2.9	1.3	. 0	3								5.7	4.5
VARBL													
CALM	$\geq <$	$\supset <$	><	$\supset <$	$\supset <$		$\geq <$		$\geq <$	$\supset <$		14.3	
	24.3	32.6	16.8	11.2	9				ļ			100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

GLUSAL CLIMATOLOGY BRANCH CLAFLTAC 41- WEATHIR SERVICE/MAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	<u> </u>	EY PA	CE CEN	TED FL			67-	75.73-	<u></u>					٠
STATION			STATIO	NAME					Ψ.	EARS				ONTH
		_				ALL : E	AIHE							<u>- : 3:5 - </u>
						CI	.485						HOUR	5 (L.S.T.)
		_				CON	DITION				_			
[	SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND
	DIR.													SPEED
[	N	1.3	2.:		4									
	NNE	1.2	1.7	1.1	1.9								. 7	ر و ز
	NE		3.3	3.1	1.3		ļ			<b></b>			3.4	7.4
{	ENE	i • :	3.1	2.6	7,0		L			[			11.1	9 . 5
	E	3	3.9	4 4	2.8								17.4	7.4
	ESE		1.7	5	. 3								4.3	<b>→</b> . ĉ
(	SE	. 4	. 5	• 2			• :						1.3	7
	SSE	. 4	- 5	. 4	2								1.6	0.3
ļ	<u> </u>	. 2		- 6	.1								1.7	p • 3
1	SSW		1.1	<b>9</b> 4	.1					<u> </u>			3	١ . 1
	sw	. 9	. E	. 6				<u> </u>					2.3	52
	wsw	1.1		3	<u> </u>			<u> </u>	<u> </u>	<u> </u>				u j
1	w	2.3	1.9	С.		L	<u></u>	ļ			L		~ • 3	1.05
ļ	WNW	. 3	2.5	. 2		I							4.3	3.7
j	NW	3.0	3.	1.7	. 4	<u> </u>	<u> </u>						3.2	4,9
	NNW	1.4	3.2	1.4	• 3								ć•3	5,4
1	VARBL													
	CALM	X	><	>>	$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	$\times$	13.3	

TOTAL NUMBER OF OBSERVATIONS

TEL: AE CEIMATOEDGY BRANCH (1955-Tro at Stathir Servichamac

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	ALINEDY SPACE CENTER FL	69-7(,73-2) YEARS	MONTH
	<u> </u>	CLASS	7 7 7 - ( 1 1 1 2 ) Hours (L.s.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	• 4	1.:	3.9	2.5								1.3	z • 1
NNE	1."	1.	4.2	3 . 3	. 4							5.9	9.7
NE	, Li	1.3	5.6	4.3	• 1							11.7	7.5
ENE	.4	1.5	_3.1	4.^	• <sup>5</sup>							7.9	11.5
E	. 9	3.6	€.6	5.7	• 4							17.3	9.0
ESE	• 5	1.5	2.5	1.3								6.0	7.7
SE	. 4	• 6	1.6	\$								3.5	7.7
SSE	, ?	3	. €	• ?								i.5	5.0€
S	- 14	. 5	. 7	• 6								2 • 5	€.C
55W	• 4	1.1	• 9	• 3								2.7	5.5
sw	.5	. 7	1.1	. 4								2.4	7.3
wsw	. ?	. 6	1.2	• 2								2.5	c • 9
w	. 4	1.7	1.5	• 2								4.1	<u>د</u> د د
WNW	,	2.4	1.4	• 1								4.7	5 <b>.</b> ĉ
NW	• ti	2.7	1.6	. 5	i''							4.5	يد ون
NNW	. 6	1.3	2.8	1.4								<i>i</i> 2 • 1	5.1
VARSL		-			i — —								
CALM	>>	> <	$\geq <$	$\times$	>>	$\geq$	$\geq$	$\times$	> <	><	$\times$	1 • 3	
		23.4	39.6	25.5	1.5							123.0	6.3

USAFETAC	FORM 0-8-5 (OL-A)	PRÉVIOUS EDITIONS OF	THIS FORM ARE OBSOLETE		
 		···		 ere an mar en en en en en en en en en	 

TITRAL CLIMATOLOGY BRANCH LEAFETAC A GEATHER SERVICEMAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

نفـــا	ASANTRY SACE CENTER FL.	<u>66-70.73-80</u>	000
STATION	STATION NAME	YEARS	MONTH
		SEATHER	12 3-14.2
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7	1.2	4.3	1 3	,							• • 9	€ :
NNE	,	2.5	6 • !	4 . 5	<u>ن</u>							1	7.3
NE		- 2	4 (	4.5	1							11.7	9.6
ENE	• 5	2.3	5.3	5.3	. 4							17.8	, . 7
ŧ	5	2.4	6.7	5.2	. 3							15.1	9.4
ESE	2	1.5	4.1	1.7					Ĺ	Ĺ	Ĺ	5.0	۵.4
SE		. 9	1.4	c	• !	<u> </u>		L	L			2.5	9.3
SSE		• 6	1.2	, ç								2.7	3.4
\$	2	٦,	1.4	. 9								3.3	5.4
SSW		3		.1		ļ						• 5	0.6
SW	٠٠		• 9	1						l		1.8	٤ . ٤
WSW	, c,	<b>,</b> 9	1.6	. 4					<u> </u>			3.4	5.4
w		1.1	1.3	5_					Í			<u> </u>	7.9
WNW	L	. 6	1.7	. 5	ļ	<u> </u>						3.9	3 • ت
NW	-1		1.0	1					ļ			1.7	7.1
NNW	2	_	1.5	1.6			<u> </u>			ļ		4.2	9.5
VARBL	Ļ					Ļ		L	Ĺ	L	L	L	
CALM	><	><	$>\!\!<$	><	><	><	$\geq \leq$	><	><	$\geq \leq$	><	1.1	Ĺ
	3.2	19.5	43.5	30.4	1.8							115.6	] و نو

TOTAL NUMBER OF OBSERVATIONS 930

# SURFACE WINDS

# CEUPAL CLIMATOLOGY PRANCH UNDELTAG ATH ATATHEM SERVICEZMAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	KENNED / SPACE CENTER FL	69-75,77-95 YEARS	MONTH
	<u> </u>	ATHER	1 7-17
	CON	DITION	

SPEED (KNTS) DIR.	3 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		2.2	4.	4.2								11.3	7.5
NNE	<u> </u>	3.7	5.7	4.2								14.2	+
NE		3	9.2	4.5	. 4							1:.7	9.3
ENE	• 5	3 • 9	t p	. 4	,				Ī			14.2	5
E	1.	5.7	€.6	2,9	• ?							17.4	7.7
ESE	1.	3.3	2 • 5	٥								7.8	1. • E
SE	•6	1.6		, p								3.3	9
SSE	7	1.6	1.5	.1								.4	6.6
5	. 4	2	. 9	. 4								1	7.6
SSW		. 4		• 1								. 5	÷ • 5
sw		?										٤.	. و ر
WSW	2	7										1.2	
w	1	1.1	1.6	. 3								1	7.4
WNW	- 4		1	2								4.4	7.0
NW		7	. 6									1.2	5.6
NNW	. 1	7	3	1.0	• 1							2.4	1
VARBL												II	
CALM	$\geq$	$\geq \leq$	><	><	> <	$\geq$	$\supset <$				$>\!\!<$	1.2	
	7.1	29.8	37.2	23.5	1.7							11.00	3.

TOTAL NUMBER OF OBSERVATIONS

CECRAE CEIMATOLOGY BRANCH
CLAFETAC
AL AEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

STATION AF WHEN SPACE CENTER EL

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u>\_\_69-76.73-8u</u>

	_			<del></del>	ALL AL	ATHER LASS				<del></del>			= <u> </u>
	-		-	_									
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAI WING SPEE
N	2.3	2.	2.7	2.5								12.0	7.
NNE	1.9	3.4	2.9	1.9						<u> </u>		10.2	7.
NE	1.7	3.7	3.2	2.7								11.3	7,
ENE	2.2	3.4	4.2	3.6	. 4							13.5	5.
E	4.4	5.€	3.9	1.7	- 3							13.9	ر ځ
ESE	1.9	3.3	1.4	6								7.3	3.
SE	1.4	2.5	. 4									4.3	4,
												77	

								1				1	·
N	2.3	2	2.7	2.5								1000	7.2
NNE	1.9	3.4	2.9	1.9								10.2	7.1
NE	1.7	3.7	3.2	2.7	<u> </u>		L	L	<u> </u>			11.3	7.7
ENE	2.2	3.4	4.2	3.6	. 4				<u> </u>			13.5	8.2
E	4.4	5•€	3.9	1.7	3							13.5	6.2
ESE	1.9	7.3	1.4	6			L					7.3	5.5
SE	1.4	2.5	. 4						L			4.3	4.3
SSE	• 3	1.3	• 5	• 2						<u> </u>		2.8	5.4
5		1.4	. 2						<u> </u>		l	3.5	2.4
ssw	. 6	. 4									<u> </u>	1.1	4.1
sw		• 3	.1			L	L					1.2	2.9
WSW		1.				L .	ļ					1.5	3.7
W	é	. 3	<b>.</b> 3				Ĺ			Ĺ	l	1.7	4.5
WNW	.1					L						9	4.4
NW		- 4	. 2									1.4	4 . 3
NNW	1.1	1.6	. 8	2								3.7	5.2
VARBL											l	l	
CALM	><	><	><	><	><	$\geq \leq$	$\geq \leq$	$\geq$	><	><	><	10.3	
	42.C	32.E	21.4	13.5	9	}							ع د

TOTAL NUMBER OF OBSERVATIONS

CLOPAL CLIMATOLOSY PRANCH COSECTAC AND ACATHUM SE VIC./MAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 3 -	KINNERY SPACE CENTER FL	<u></u>	
STATION	STATION NAME	YEARS	MONTH
		WEATHER	1 0-23°C
		CLASE	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		1.07	1.7	1.5	_• 1						_	7.3	b.5
NNE	1.2	1.6	2.5	1.9								7.3	7.7
NE	1.00	2.5	2.7	2 • f	• 1							3.5	7.€
ENE	• c	3.3	5.	7.4	1.							13.6	9.5
E	3.7	5.5	4.4	3.9	?		_					17.8	7.3
ESE	2.0	2.2	2 • "	• 6								6.9	್ರ.ಕ
SE	1.7	2.3	1.1									□ 0 • 1	4.7
SSE	- 5	1.5	• 1									۷.5	4.3
S	1.0	• 8	1.2	. 3							-		5.4
ssw	i.1	• 4	• 2									1.7	e
SW	- 2	4	• 1	. 1								1.4	4.4
wsw	• 5	1.1	• 3	. 1						_		2.3	4.7
w	. 3	2.2	• ?									2.1	4 . c
WNW	. 5	• 2	• 1									_1.5	4.2
NW	1.3	2	. 6	2								3	5.0
NNW	1.3	1.5	• 3	. 3								3.4	4.7
VARBL													
CALM	><	> <	> <	$\times$	$\times$	$\mathbb{X}$	$\times$	$\times$	$\supset \subset$	$\supset \subset$	> <	11.4	
	11.4	29.1	22.2	14.5	1.5							11.5	6

TOTAL NUMBER OF OBSERVATIONS

SLOHAL CLIMATOLOGY PRANCH COAFETAC AIR FATHER SERVICE/MAC

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

KEAN	DY PA	CF CEN	TER FI			63-	773-		EARS				CT ONTH
		-14710	******					•	LAND				
	_				يم الله	ATHER							<u> </u>
												HOUR	8 (L.S.T.)
	_				CO#	DITION							
					-								
	_												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	<del>  </del>	<del> </del>						<u> </u>					
N	1.4	2.1	2.5	1.9		<del></del>	ļ	<del> </del>	ļ	<b></b>			7.6
NNE	1.2	2.1	3.1	2.6		<u> </u>	·		<del> </del> -			900	3.5
NE	4 - 5	205	3.6	-1-1		<del></del>	<del> </del>				<b></b>	16.3	<b>♂.6</b>
ENE	1	2.5	3,9	3.7	<u> </u>		<del> </del>	<b> </b> -	ļ — —	<del> </del>	ļ. —.	11	5.9
E	2.4	-50-	2.2	3.5	- ?	<del> </del>	<del> </del>	<del></del>				10.4	7.6
ESE	1.4	2.1	20.	• 7	<u> </u>		<del> </del>	<del></del>		<b></b>		5.2	6.4
SE		1.4		- 4	<u> </u>		<b> </b>	<del> </del>	<del> </del> -	<del> </del>		2.4	6.1
SSE		1.2		- 2		<u> </u>	ļ	<u> </u>		<u> </u>		2.6	5.3
	<b></b>		- 3		<u> </u>		<del></del> -	<u> </u>		<del></del>		2.6	6.5
ssw	¥		- 4								ļ	1.5	5.3
SW	<b>}</b>		- 4	1	ļ		<del></del>	L		ļ	<b></b>	1.7	<u> </u>
WSW	<u> </u>				<b></b>	<b></b>	<u> </u>	<b></b> _				2.3	5.2
w	1-1-1	1.1		1_	L	<b></b> -	<b></b>	<b> </b>		ļ	ļ <u>.</u>	3.€	5.2
WWW	1 2	1	- 6	1	<b></b>	<del> </del>		<u> </u>				3.1	5
NW	1.2	ــاهــــــــــــــــــــــــــــــــــ	1-2	2	ļ	<u> </u>	<del> </del> -	<del></del>	<del></del>	ļ	ļ	3.9	5.2
NNW	1.2	1.6	1.1	. 7	<u> </u>	<b></b>	L				ļ	4.t	5.4
VARBL	<b>k</b>	<del></del>	<u></u>	<b>_</b>	<u> </u>					Ļ		<b></b> _	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	5.2	
	15.6	28.6	27.3	17.9	1.3	· • 5						108.6	6.7

SUITAL CLIMATOLOGY PRANCH

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	AFNNEDY SPACE CENTER FL	<u>69-70,77-80</u>	YEARS	NC.	
•,•,•	A. 1	WEATHER CLASS		1000-(1000 HOURE (L.E.T.)	
	c	ONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	1.4	1.0	1.2								<u>1</u> • 3	1.3
NNE	• 7	1.2	1.2	. 7								3.6	5.4
NE	. 4	1.2	1.	• 3								3.0	5.7
ENE	1.2	1.6	1.9	1.0								2.7	7 . ن
ŧ	2.1	3.7	3.	. 7								9.4	.6 • €
ESE	٠	2.5	1.1	• 3								6.6	4.9
SE	7	2.00	. 7									1.2	4.6
SSE	1.7	2.1		1	I							4.8	4.4
3	1.6	2.		. i								4.2	4.6
ssw	1.4	- 3	7	. 3								3.2	_5.5
SW	1.2	É	. 3	1								2.2	4.4
wsw	2	. تعد							I			2.2	3.4
w	ندت	3.7	3.	1			L					6.7	4.6
WNW	1.3	2	1.4	. 3								5.6	2.3
NW	2.03	5.1	2.7	1.9								12.4	5.1
NNW	- 9	3 . 4	1.2	. 8								3 • 3	5.3
VARBL													
CALM	$\times$	><	$\geq \leq$	$\geq <$	$\times$	$\geq \leq$		$\geq \leq$	$\geq <$	$\geq <$	$\geq \leq$	17.6	
	25.4	35.4	18.4	2.8	. 1							100.0	4 5

TOTAL NUMBER OF OBSERVATIONS

SECTAL CLIMATCLOSY BRANCH USAFETAC AL- WOATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	MEANEDY SPACE CENTER FL.	69-70.77-80	YEARS	NG /
	A	LL REATHER		<u>_360-050c</u> Hours (L.S.T.)
		CONDITION		
		<del></del>		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 . 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
ĸ	1.1	2.1	1.	1.2	.1							. 6	7.1
NNE		105	9	. 6								ۈ د ئ	6.4
NE	. 6	1.6	1.7	. 6				l				O	0.5
ENE	1.4	2.3	.5	.6								4.8	5.6
E	2.6	3 • 1	1.9	. 9								₫•3	5.5
ESE	2.1	1	1.4	• 1								4.7	4.9
SE	1.6	1.4	- 3						}			.3.3	4.1
SSE	. 4	1.3	.2									_ : . 0	4.6
5	2.5	1.2	. 0	• 2								4.2	4.5
SSW	. 3	1.2	. 4	. 1								2.6	5.0
SW	1.1	1.7	- 6			1						2.7	4.2
wsw	1.0	1.2	. 2	1		1						2.1	4.5
w	2.4	3.8	• 9									7.0	4 • 3
WNW	2.5	3.	1.0	• 2				<u> </u>	1			6.8	4.5
NW	1.9	4.4	4.4	1.8	• 1		Ţ					14.7	0.3
NNW	1.7	4.4	2.4	1.2								16.3	<b>0.</b> €
VARBL		<u> </u>				1							
CALM	$\times$	$\boxtimes$	$\geq \leq$	$\geq$	$\times$	$\times$	$\boxtimes$	$\times$	$\boxtimes$	$\boxtimes$	$\searrow$	11.8	
	7.3	34.9		7.6	• 2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 955

GLERAL CLIMATOLOGY BRANCH
USAFETAC
ALL AFATHER SERVICE/MAC
PERCENTAGE FREQUENCY OF WIND

# SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.7 - 20	KENNEBY SPACE CENTER FL	69-76.77-36	% ರ ೪
STATION	STATION NAME	YEARS	MONTH
	461	L WEATHER	_600+087Q
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	1 • °	1.3	1.5								9	5 • 2
NNE	1.1	1.	. 8	. 6								2.4	6.1
NE	• 7	_1.6	1.3	• 2								3.8	0.3
ENE	1.7	1.9	1.7	.9								5 • 1	6.3
E	2.	2.7	1.2	. 4								6 • 3	_5 . 2
ESE	1.4	2.2	. 4	. 3								4.4	4.5
SE	2	1.0	• 1									_5.1	4 • 5
SSE	1.0	1.1	. 4	• 1								2.7	4
5	1.4	1.3	. 7									3.6	4.7
ssw	1.4	5	9.									7.1	4.4
sw	, 0	. 4	. 4									1.3	4.2
wsw	1.4	- 2	. 2	L								1.9	3 • 5
w	2.1	1.2	. 6	L			L					4.4	4 . 3
WNW	2.8	_3.7	1.5	2								7.7	4.7
NW	5.3	5	5.0	1.8	-1							15.2	ن ون
NNW	2.0	4.0	2.4	2.6				L				12.0	್ ≎ €
VARM													
CALM		$\supset <$	$\supset <$		$\supset <$		$\supset <$			$\supset <$	><	12.6	
	23.3	32.3	19.4	8.2	. 1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

GLORAL CLIMATOLOGY BRANCH CHAFTTAC ATH REATHER SERVICE/MAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12.85	KENNEGY LPACE CENTER FL	69-70.73-9	35	Nov
STATION	STATION NAME		YEARS	MONTH
	ALI	L SEATHE?		1900-1100
		CLASS		HOURS (L.S.T.)
			<u></u>	
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	2.2	5.7	3.1	7	- 1						11	ءَ ۽ ز
NNE	, 7	1.9	2.2	1.6								0.2	7.9
NE	. 4	1.4	1.9	1.4								2.1	5.5
ENE	• 3	1.7	2.8	3.1								6.9	3 <b>.</b> 5
E	. 7	2.7	4.3	1.1								5.0	7.4
ESE	. 4	2.1	2.1	• 3						İ		5.0	6.5
SE	2	1.2	2.0	• 6								4.0	7.7
SSE	. 1	• ti	1.4	• 3								2.4	7.€
5		1.7	1.6	. 7								4.4	7.2
SSW	1.2	<b>3</b>	1.1	1.0								4.1	7.2
sw	• 7	• 5	1.2									2.8	5.2
wsw	. 7	1.3	• 6	• 2								2.5	5.5
w	1.	1.5	1.3	. 6	• 1							4.9	6.5
WNW	. 7	1.7	1.4	.1								3.9	5.8
NW	1.4	3.1	3.2	2.9								10.7	7.9
NNW	1.2	3.7	5.0	2.7	• 3							12.9	6 • €
VARBL	L												
CALM	$\geq \leq$	$>\!\!<$	X	$\times$	$>\!\!<$	$\supset <$	$>\!\!<$	><	> <	$\times$	> <	2.9	
	11.6	28.6	37.1	18.7	1 - 1	- 1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

CLURAL CLIMATOLOGY GRANCH
CTATETAC
ALL ACATHER SERVICE/MAC
PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED

# SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 1 3 5	MENNEDY IPAGE CENTER FL	69-70,17-40	N3/
STATION	STATION NAME	YEARS	MONTH
	ALL	a_ATHER	1200-1400
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.;	. s. i	?•1	. 4	• )		i				17.9	10.2
NNE	1.	1.4	3.1	2.4	• 1							10.4	€
NE	. 4	2.4	3.1	1.7								7.7	٥, ٧
ENE	. 4	. 9	3.9	1.4								5.7	5.5
E	. 4	2.4	4.3	2.1								<b>5.3</b>	5.1
ESE	. 7	2.3	3.€	. 4								1.00	7.2
SE	1	• 3	2.1	1.4	•1							4.7	3.9
SSE		1.1	2.8	1.7						L		5.7	7 و ت
S	- 2	1	1.5	. 9	• 1							4.0	0.6
SSW	• 1	. 4	. 5	• 2								1.3	5.1
sw	. 2	. 6	1.4	. 4								2.7	7.8
wsw	• 2	• 3	1.6	. 4						l		. 6	2.1
w	7	1.8	1.2	. 3								4.0	4.7
WNW		1.2	1.7	1.2								3.7	၁ - င်
NW		1.	2.3	1.7								4.5	8.2
NNW	.1	1.5	2.4	3.0	• 7							7.3	٠, 5
VARBL										L			
CALM	$\boxtimes$	$\times$	$\geq <$	$>\!\!<$	$\times$	$\times$	$\geq \leq$	><	><	$\geq <$		1.0	
	4.5	22.8	43.3	26.9	1.0	. 1						100.0	d a fa

TOTAL NUMBER OF OBSERVATIONS

SUCHAL CUTMATOLOGY PRANCH UTAFETAC ATT VEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	A NELLY PACE CENTE FE	6)-70.13-11	MONTH
	ALL cu	A Core	13.7-17"5 HOURS (LIS.T.)
	CONE	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1	5.4	7.6	5.6								3	
NNE	٤	3 • =	4 . 1	1.7	. 1							1 1	7.6
NE	1.6	2 . 4	2.5	. 7					l			7.8	0.9
ENE	1.	2.7	3.7	. 4		L		<u> </u>	Ĺ			7.€	ა•€
E	1.3		4.1	1.0								11.7	٠.
ESE	1.4	3.1	2.	. 4								7.0	
SE	1.4	1.7	1.4	. 4								5.0	3.5
SSE		1.4	2.4	9								5.4	7.0
5	3	. 4	٠.	,								3.1	7.8
ssw	. 2	. 7	- 2	L								1	
sw			4	.1								7	3 .
wsw	2	- 5	- 4			L			<u> </u>			1.6	5.
w		1.2	1.6	6								3.7	7.
WNW		1.3	1.0									4.1	7.0
NW	2		_1,1									7	_ ق
NNW	غ و		2.3	1.1		L						5.4	
VARBL						L	L					1	
CALM	$\geq <$	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	2 • 3	
	12.7	32.1	35.0	14.1	٥							176.4	7.0

TOTAL NUMBER OF OBSERVATIONS

SELECTION OF SERVICE AND SERVICES OF SERVI

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	6°-7 <u>6,73</u>	MONTH
31211011		ALATHE?	HOURS (LIS.T.)
	c	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	4.7	4 • 9	7.5	1.6								13.3	5.7
NNE	1.0	3	2.7	1.1		·							
NE	1	1.2	1.9	• 43_		Ĺ						5.7	5.4
ENE	1.9	2 • ′	1 • 4	. 7								3.3	- a 1
E	4 - 5	4	1.5	. 7								11.5	4 . :
ESE	2.4	_1.7	• 7	. 2			l					5.0	4.4
SE	2.3	1.6	• ?			<u> </u>	Ĺ					4.1	7 . د
SSE	1.4	2.0	1.3	. 3									_ <u> </u>
\$		2.7	. 7									1 40	4.5
SSW		. 2	. 7	Ĺ		<u> </u>	<u> </u>					1.2	5 o C
5W						<b></b>		<u> </u>				, 7	4 . 2
wsw	ين و	3	• 2						ļ			1	406
w	7_	2.2	7	-2			<u> </u>					5.9	4
WNW		1.3	6	- 3				ļ		<u> </u>		3.	لمعنا
NW	1.1		ت ما	. 4		1			L	L	L	اخونا	7
NNW	1.6	2.4	1.4	3			<b></b>			ļ		5.0	5 . €
VARBL					L		L	L		L			
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	13.6	
	58.5	32.2	13.8	5.6	. 2	,			{			100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AN 64

SECUAL CEIMATOLOGY PRANCH UCATETAS ACCAFATHE SERVICOMMAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	ATANERY PACE CENTER FL.	90-70-13-30 VEANS	MONTH		
		ALL PLATE			
		CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	3.7	2.3	2.2								د و د	_ , 4
NNE	4	2.1	1.3	1			L						ن و ف
NE	i.	i	1.1	- , ;								4.0	5.7
ENE	i • 3	1.5	2.1	• f:		Ĭ	l		l			7 و د	5 . 2
E	3.2	_3.7	7.1	1.5		I						11.0	ું કે કે
ESE	7.6	3.2	. 7									3.7	4.3
SE	2.2	1.6		• 2								4 -	4 . 2
SSE	1.3	2.1	1.1	2								₹.2	
5	1.2	1.7	ς									4.0	3.1
ssw			. 4	1		L						ا <del>ر</del> و ا	<u> </u>
sw			2			I						1.3	4.
wsw		.3					L					1.1	4.
w	1	2.5	1.3	. 7	l	l	L					ا 4 و ن	5.4
WNW	2		1.3			L						تود	
NW		2.1	2.2	9			<u> </u>		L			7.7	<u> </u>
NNW		2.1	1.1	. 4			<u></u> _						5.5
VARBL						I							
CALM		$\supset <$	$\supset <$	$\triangleright <$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	12.7	
	27.6	31.2	19.6	a.5								1. 1. 2	4.5

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

# TELS AL CERMITOLOGY TRANCH E AT THE AT ACATHE SERVIC FMAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED TO MODIFY ORSERVATIONS) (FROM HOURLY OBSERVATIONS)

1 2	NAME OF PACE CENTER FL.	64-73-73	MONTH
	ALL A	LASS.	HOURS (L.S.T.)
	col	NDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	ie	3.	3.6	2.9	• .1							11.2	•
NNE		2.	2.2	1.2								1: • =	7 . ?
NE		1.7	1.0	• 3								5.1	0.9
ENE	1.2	1.2	2.3	1.0								ż	5 • 2
E	1.2	3.5	3.1	1.								C . E	1
ESE	1.5	2.7	1.5	• 3								5.0%	٠. 4
SE	1.1	1.5	• 5	?								7.5	5 • 6
SSE	. 9	1.5	1.3	- 5								4.2	5.2
S	1.	1.4	1.1	. 7								2.5	5.9
55W	ف م	. 7	. 6									2.3	3.
sw	7	r	5	1								1.9	3
wsw	ن م	٤.	- 4	1								2.1	4.5
w	1.7	2.4	1.7	3_								- 4	5.0
WNW	1.4	2.1	1.2	. 5								: • 2	5.7
NW	. 2	3.	2.2	1.4								5.3	c • 6
NNW	le:	2.3	7	1.5	1							5.5	6 · ç
VARBL									1	·			
CALM	$\searrow <$	$\geq \leq$	$\geq <$	$\geq \leq$	><	><	><		><	><	><	₫ • 7	
		31.2	25.5	i	4	_ ^						122.0	5.9

TOTAL NUMBER OF OBSERVATIONS

CLORAL DLIMATOLDGY BRANCH CLAFETAC 4 : ASATHER SERVICE/MAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	KENNETY SPACE COVIES FL 65-772-75	MONTH
	ALL AEAIHE?	HOURS (L.S.Y.)
	CONDITION	_

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.7	2.2	1.0									7.04
NNE		1.7_	Q Q	2								. u	E
NE	t	. 4	4	1								1.0	
ENE	• 6	1.1	1.3	. 1									0.2
E		2.5	2.7	1.1								ج ن	7.4
ESE	5	1.7	1.3							[	[		2.7
SE	. 6	9	1.1	• 3									5.5
55E		2.3										4	4
S		2.3	1.9	. 7								7.3	5.4
ssw	1.1	3.1	1.7	1.1								7.0	0.4
sw	1.4	1.7							l			<b>4.3</b>	4,9
wsw	1.2	1.7	. 4								L	3.3	4.4
w	2.3	4.3	1.2	. 3			[	İ	L			5.1	غ و چ
WNW		4.1	2.5	. 3								9.5	لع
NW		4.9	4.6	2.2							L	13.8	6.5
NNW		3.4	2.5	. 6								F.6	5.9
VARBL													
CALM	$\geq <$	><	><	><	$\geq <$	$\geq \leq$	><		$\geq \leq$	$\geq \leq$	$\geq \leq$	6.7	
	19.7	38.9	26.3	8.3	. 1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

ı	JSAFETAC FORM ARE 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE	
,		
- <del>-</del>		

LUBAL CLIMATOLOGY BRANCH C148774C 418 WEATHIR SERVICIZMAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 3 :	NENNEDY SPACE CENTER FL.	52-76.77-79 YEARS	MONTH
	۵ <u>۱ م</u> ۵	AIHEC	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	2 • ?	1.3	1.3									: , 7
NNE	•	. 7					L						
NE			. 4	. 2			Ĺ	Ĺ	<u> </u>	<u> </u>	L	1	304
ENE	• 5	1.6	• 5	. 1		]		L					5.4
E	• 5	2.3	2.3	1.2				L				2.2	7.4
ESE	1.2	1.2	1.5	2						L		4.1	5.4
SE	5 e	5.	8.										5.3
SSE	. 3	1.3	1.	• 4								. 4	6 • 4
5	1.9	3.2	1.0	. 6	1							7.7	5.7
SSW	1.7	1 • ć	1.3	1.2									6 • t
sw	1.7	1.1	6.	• 2								3.7	4.6
WSW	1.7	1.2				T						2.9	3 . 5
w	1.2	3.7	1.1	. 4								4	4.6
WNW	1.9	3.7	3.	1.1							7	5.7	6.2
NW	7.3	7.5	4.6	3.1	- 1							1:.7	ć e ć
NNW	1.4	4.3	2.5	.8		T		1			1	5.9	£ • 1
VARBL								T		Γ		ļ ————	
CALM		> <	>>	$\geq \leq$	$\geq$	$\geq \leq$	$\times$	$\geq$	$\geq$	$\geq$	$\geq \leq$	7	
	22.5	34.2	23.3	·		{						100.5	.5.£

TOTAL NUMBER OF OBSERVATIONS

SET WEATHER SERVICIONAL PERCENTAGE FREQUENCY OF WIND

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	ALANERY PACE CENTER FL.	6:-70.73-79 YEARS	E C MONTH
	ALL N.TAT	H <u>t</u> C	7876-1581 HOURS (LISTA)
	CONDITI	ON	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	Ç	1.0	1.2	1.0								4.1	6.5
NNE			7	1								1	5 • 3
NE	ς.	ė	2									iet	23
ENE	. 4	1.0	- 5	. ?								6.9	0.5
E	. 3	1.	1.5	_ 8							T	4.4	7.3
ESE	1	1.1	1.4	2								2.7	6.1
SE	. 3	9	. 4	?		I ———	I					1.2	6.4
SSE	. 5	• 5	1.	. 3									7.
S	i.7	2	2.4	1.2								7.3	0
55W	1.3	1.5	1.3	_ 6								4.7	6.0
sw	2.4	1.3	2	1								4.5	4.
wsw	2.1	1.2	. 2	• 1								3.5	3.
*	2	2 • t	1.2	• 2	• 1							7.1	4.
WNW	3.3	4.1	2.5	6								11.3	.5.
NW	3.5	7.4	c. 7	2.4								34.0	5 . (
NNW	2.5	4.5	1.7	1.2								11.1	5 . '
VARBL													
CALM		> <		><	><	$\geq$	$\supset <$	> <		><	><	÷ • 1	
	25.1	33.7	23.2	9.6	4							102.4	5.

TOTAL NUMBER OF OBSERVATIONS

CLUSAL CLIMATOLOGY RAARCH
LINCUTAG
AT ULATHIR SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 C ;	ACAMERY SPACE CENTER FL.	5:-73.73-79	OL (
	ALL of	ATHER LASS	600-11.7 Hours (L.S.T.)
	CON	IDITION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 5	1.3	1.	7 6	• !							7.5	2.0
NNE	• `	1.1	1.5	. 5									7.1
NE		. 3		. 6								1.7	5.9
ENE	• 1	• ?	7.	• 5				I	I			3.0	0 . E
		. 7	3.1	1.2	, ,							5.7	5.9
ESE	• 1		2.7	.6								3.4	3.3
38		• 3	, ç	5							I	2.9	7.3
SSE	. ?	- 4	1.6	. ?		,	,					3.4	₹.6
\$	1.3	1.4	3.4	2.5	• 1							1 :.7	6 و غ
SSW	• 3	1.1	1.4	1.1	1							4.7	5.6
SW	• 5	2.0	2.0	. 3								_5 • 1	y . 9
wsw	6	2.6	6	. 4								4.3	5 · G
w	1.4	2.2	1.7	1.5	7							7.2	7.6
WNW		1.3	1.3	2.3	. 1	. 1						5.3	ووت
NW	1.3	3.1	6.9	3.1								14.4	لمعت
NNW	1.4	3.2	5.5	2.3	3							13.2	(
VARBL									1				
CALM	><	$\geq \leq$	$\geq \leq$	>>	$\geq <$	$\geq \leq$	><	$\geq$	><	$\geq$	><	3.3	
	10.2	23.4			1.2	.1						11.0.0	7.8

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM AL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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STOPAL CLIMATOLOGY BRANCH CHAFETAC ALE ASATHER SERVICE/MAC

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	MENNEDY SPACE CENTER FL	65-70.73		<u> </u>
STATION	STATION NAME		YEARS	MONTH
		ALL SEATHER		13 0-1416
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3	3.	5.6	7.:	. 4							1	15.0
NNE	7	2.4	2.9	٥								5.5	7.2
NE	. 5	, ;	1.1	Q								3.2	7.4
ENE	• ?	1.3	2.4	• 6					-			4.5	7.4
E	. 5	1.5	2.8	1.1	• 3			1				3.3	8.4
ESE		1.1	1.3	. 9								3.5	€.6
SE	. 3	• 3	1.3	1.4								3.9	9.
SSE	• 2	. 5	3.4	2.1			,					7.3	5.
S	• 6	1.5	3.1	2.3								7.8	8.
ssw	. 4	• 5	2.3	1.1	• ?							4.6	9.1
5W		. 9	2.0	1.5	• 1							4.5	ŷ,
wsw	. 1	1.5	1.3	• 5	• 1							3.5	7.
w	. 7	1.4	1.5	2.5	. 5							6.1	10.
WNW	4	1.4	2.3	2 . 2								<b>c</b> • 2	٥
NW		1.3	2.6	1.3					1			5.2	اوت
NNW	2	1.2	3.3	4.1	. 2							9.1	16.
VARBL									<u> </u>				
CALM	><	><	$\supset \subset$	$\times$	$\mathbb{X}$	$\times$	$\supset \subset$	> <	$\supset <$	> <	> <	.9	
	4.7	21.3	46.1	31.1	1.9							188.8	ŝ.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLEBAL CLIMATOLOGY BRANCH USAFETAC ATE WEATHER SERVICE/MAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17:36	KENNE	ECY SPA	CE CEN	TER FL			<u> 68 -</u>	70.73-	79				<u> n</u>	E.C.
STATION			STATIO	N NAME					Y	EARS				ONTH
		_				ALL WE	ATHER							<u>-1770</u>
						CI	.A55						HOUR	8 (L.S.T.)
		_												
						CON	MOITIO							
		_												
[	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.4	2.7	7.8	5.3	2						-	17.4	9.0
	NNE	1.1	4.	2.2	. 2								7.4	5 €
	NE	1.0	2.3	1.0	1				L				4.3	5.4
	ENE	9	1.6	1.2		. 7							4.0	6.4
	ŧ	1.4	2.9	2.3	1.0	]							7.6	6.8
	ESE	• 2	1.7	2.9	• 3								5.2	7.1
	SE	1.2	2.4	3.2	- 4								7.2	6.7
	SSE		2.6	4.2	1.8								8.7	5.3
	S	. 2	1.5	1.4	1.3								4.5	8 . C
	SSW	2	4	1.1	. 2					L			1.9	7.5
	sw	. 3	8	1.7	. 3	. 2							2.6	ε.3
	W\$W	2_	9	1.4	.2								2.7	7.2
	w	1.2	1.6	2.8	1.8	. 9	•1	L					8.0	8.€
	WNW	4	1.6	2.3	1.2								5.3	8.2
	NW	. 2	1.2	1.1	- 6								3.1	7.7
	NNW	1.1	2.8	2.6	1.6	1		L					8.2	7.6
	VARBL	li						I						

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CL E-C CLIMATOLOGY PRANCH COAFETAC AIN WEATHOR SERVICE/MAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.36	KENNEDY PACE CENTER FL	68-70.73-79	
2,4,12,1	411	EATHER CASE	15 C = 2C \ \ \ \ HOURS (L.S.T.)
	co	NDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.6	4.1	4.3	1.5								13.5	0.2
NNE	1.6	1.8	. 5	. 5								<b>4.</b> 5	5 • 3
NE	1.3	1.3	. 4	• 2								3.2	4.5
ENE	1.8	1.4	1.1	• 2								4.5	5.1
E	2.4	1.3	2.5	. 0					1	† <del></del>		6.9	6.3
ESE	1.1	3.1	1.2	• 1							Î	5.5	5 . L
SE	1.2	1.9	1.4	. 2		1			1			4.7	5.4
SSF	1.1	3.4	3.6	.9								3.4	6.6
5	1.1	1.5	2.3	. 2						†		1	5.9
\$5W	. 4	1.6	1.3	• 3		1			1			3.7	6.5
sw		C	1.0	.2		t						1.9	7.6
WSW	. • 3	• 6	.8	. 2				<u> </u>				1.9	5.7
w	- 3	2.8	1.6	1.1	·				1			٥.2	6.8
WNW	2.5	2 • 2	1.4	. 4						<del>                                     </del>		<b>c.</b> 2	5.2
NW	1.6	2.5	2.5							<del></del>		6.6	5.6
NNW	1.5	4.2	1.3	• 1								7.1	4.9
VARBL	<b></b>		***		<del> </del>	<del>                                     </del>		-	<del>                                     </del>	<b>-</b>		•	7 0 7
CALM	$\times$	$\times$	> <	> <	$\geq <$	$\geq$	> <	> <		> <	> <	9.6	
	21.3	34.6	27.C	7.0								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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COLTAC CLEMATOLOGY SPANCH
COMOTAC

ACOMETICAL SERVICEMAC

PERCENTAGE FREQUENCY OF WIND

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17:35	KENNEDY SPACE CENTED FL	<u> </u>	
STATION	STATION NAME	YEARS	MONTH
	ALL #3	ATHER	<u> 1107-2010</u>
	C	LASE	HOURS (L.S.T.)
	CON	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		3.7	2.5	1.3								4,9	6.3
NNE	• (-	1.3	, ç	. 4								1.2	5.1
NE	9	1.1	.6	. 4								, , , , , , , , , , , , , , , , , , ,	6.
ENE	. 4	1.3	. 4	. 9								3.0	7.3
E	. 4	1.4	3.5	• 5								5.9	7.2
ESE	1.2	2.5	1.4	• 1								5.2	<u>ل</u> ا
SE	- 4	1.3	5	. 5					I			3.6	¥ 0
SSE	1.2	2.4	1.9	2			1					5.7	5.6
\$	1.7	4.:	2.5	. 8								5.0	6.3
SSW		1.1	1.9	. 3								4 • C	5.9
sw	1.2	1.3	. 2	. 8								4.0	é • 1
wsw	, ý	1.3	9.	. 1								3.5	_5.3
w	2.1	2 . :	1.7	. 8								7.3	5.6
WNW	1.3	2.2	2.5	1.1	1							z • 3	5.6
NW	2.2	4.2	2 . C	1.2								9.5	ن و د
NNW	1.1	2.4	2.2				Ĺ					5.6	5.7
VARBL			]										
CALM		$\geq <$	><	><	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	><	><	><	8.5	
	19.1	36.6		9.5	. 1							122.0	5.6

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM (I-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

BESTAL CLIMATOLOGY BRANCH USAFETAC ATO WEATHER SERVICE/MAC

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ATION	AC S NI	DY DA	CE CE'S	TE FL			6 × =	773-		EARS				ONTH
		-			<del></del>	ALL	ATHER		<del></del>		<del></del>			\$ (L.S.T.)
		_				CON	DITION							
{	SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
- 1	N	10-	2.7	3.7	2.6	• 7							15	•
1	NNE	7	1.6	1.1	. 4								2.5	5.1
Ī	NE	. 6	, j	• <del>6</del>									5.5	ნ • 1
Ī	ENE	5	1.2	1.2	. 3	•							3.5	ე ა ს_
Ī	ŧ	-8	1.4	2.6	1.5	• 1							υ <b>.</b> 3	7.4
- 1	ESE	. 7	1.4	1.7	. 3								4.3	4 ن
- 1	SE	7	1.2	1.3	. 5								3.6	ι • 7_
- {	SSE	• 6_	1.7	2.2	1.0	•							5.5	7.4
Į	\$	1.4	2.3	2.4	1.1								7.2	6.5
- [	SSW	- 2	1.4	1.5	. 7								4.5	7 • -
	SW	. 7	1.3	1.2	. 4								3.9	5.4
	wsw_	ş	3.4	. 7	2								?.2	ي و ل
[	w	1.8	2.7	1.6	1.1	.2							7.3	_5.6_
[	WNW	1.7	2.5	2.2	1.2	1							7.8	U.7
[	NW	1.3	4	3.9	1.7	-							11.4	0.9
Ţ	NNW	1.4	3.3	2.7	1.4	. 1							8.9	6.9
[	VARBL													
	CALM		$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	5.7	
ļ				T	1						1			

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLCTAL CLIMATOLOGY REANCH CHAPUTAC AIR MEATHER SERVICE/MAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13:80	KENNEDY SPACE CENTER FL	67-70.77-90	a
STATION	STATION NAME	YEARS	MONTH
	ALL	ALATHE"	
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	1.6	2.	1.6	.1								1.7
NNE		1.2	1.4	. 7	• 1							4.2	7.0
NE	. 7	1.3	1.7	. 6	_ •							3.9	6.5
ENE	. 9	1.7	1.9	۵		^						÷ • 3	7.0
E	1.9	3.7	4.3	1.3								11.3	6.5
ESE	1.5	2.9	7.2	. 2								يَ•ق	0 • 5
SE	1.4	2.3	2.3	я								ۇ ئ	<b>.</b>
SSE	1.1	2.2	2.4	1.4								7.1	7.4
5	1.5	2.5	2.1	1.1	1							7.4	5 e t
SSW	1.1	1.5	1.2	- 5	• ^	• (						4.2	3 . 3
sw	9	1.2	1.5	. 5								3.6	ا و ت
wsw	3	1.3	1.0	. 4								3.7	0.4
w	104	2.0	1.3	• 7			e^					5.6	5.5
WNW	1.	1.3	100	_ 5								3.9	<u>ء و ت</u>
NW	1.1	1.7	1.4	. 7								5.0	<u> </u>
NNW	1.1	1.7	1.3	1.0	• 1	• ^						5.1	0.9
VARBL	L		<u></u> ,						L			L	
CALM	><	><	$\geq \leq$	$\searrow$	$>\!\!<$	><	$>\!\!<$	><	><	><	$>\!\!<$	7 • 8	
	lâ.6	30.1	23.1	13.4	, p	,	. S.	. :				100.0	نه ده

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CLUMATE CLIMATOLOGY BRANCH / CIARLITAC AI WEATHIR SERVICE/MAC

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BTATION	A ANICE PACE CENTER FL.	02-70-73-30 YEARS	MONTH
	<u></u>	ASS .	
	C15 L10 T1 1400 FT h/	VSAY 1/2 MT 03 MORE.	HOURS (L.S.T.)
	CON	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	3.1	3.3	1.2								12	
NNE	4		ρ									• #	<u>د ، ا</u>
NE			. 5									1.6	7.4
ENE	• 1	• 3		• 2			• 1	• 1				1.2	12.0
E			• 8	_6			. 1					3	J. 4
ESE	• 3	_• 4	. 4	• 4								ذ • ن	7.5
SE	. 4	- 4		- 2	• 1							1.5	7.:
SSE	. 4	ي و	. 3	• 2						1	1	1.4	_ 5.9
S	1.	• 8	1.4	1.4								4.7	8.4
SSW	• 6	1.1	1.4	1.6	_• _							4 • =	1.5
SW	. 7	1.4	1.9	, a	• 1	• 3	• ?				1	5.3	9.0
wsw	1.2	2.3	1.0	• 6	. ~ _			• 1				ნ•€	5.6
w	2.2	2.7	1.5	1.5		. 3						7.9	ნ•ვ
WNW	1	2	1.2	1.3	_ • 7							7.:	7.1
NW		2.5	2.3	2.0	1_							10.1	7.5
WMM	2.4	4.3	5.5	5.6	. 4							12.3	+ • 5
VARBL												1	
CALM	$\supset <$	> <		$\geq <$		$\supset \subset$	><	><		$\supset <$		9.6	
	15.1	23.9	26.9	21.1	1.5	_1.1	. 5	- 1				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM  $0.8-5 \; (OL-A)$  Previous editions of this form are obsolete  $AA, \; 64$ 

U S AIR FORCE
I IRONMENTAL TECHNICAL
APPLICATIONS CENTER

#### PART D

#### CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual All years and all nours combined
- . By month all years and all hours combine:
- 5. By month ty standari 5-nour groups

The to the comulative nature of this presentation, it is possible to determine the percentage frequency of courrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visitility. The totals in gress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the norminatal row of totals at the bottom of the page. The percentage frequency for which the station was meeting in exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling a lumn and visibility row. Several examples in the use of these tables are shown in pages 2 and 7 below.

1. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1946 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no reiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 means, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1960, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

ontinued on Reverse Side

#### EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							VIS	(8),,,14 ,51	ATUTE MI	LES)						
(FEET)	≥ 10	, •≥ 6	≥ 5	_ ≥ 4	2 3	≥ 2 ⅓	≥ 2	: 19,	≥ 1%	. ⊈1	≥ %	≥ %	ì	≥ 5/16	≥ 1/4	≥ 0
O CEILING														$\sim$		
≥ 1800 ≥ 1500					91.0		Ĭ									92,6
≥ 1200 ≥ 1000								•								7-19
≥ 900 ≥ 800		i	L						ļ 							ļ
≥ 700 ≥ 600		1				<u> </u>		 								<u>.</u>
≥ 500 ≥ 400								<u>.</u> .	ļ	97.4						98.1
≥ 300 ≥ 200										<u> </u>						
≥ 100 ≥ 0					95.4		96.9			98.3						100.

- Read ceiling values independently of visibility under column at right headed  $\geq 0$ . For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.

  Ceiling  $\geq 500$  feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:

  Visibility  $\geq 3$  miles = 95.4%.

  Visibility  $\geq 2$  miles = 96.9%.

  Visibility  $\geq 1$  mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

n - 2

#### ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq$  1500 feet with  $\geq$  3 miles, subtracted from 97.4 read from the table at the intersection of  $\geq$  500 feet with  $\geq$  1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq$  500 feet with visibility  $\geq$  1 mile, but < 3 miles; or ceiling  $\geq$  500 feet, but < 1500 feet with visibility  $\geq$  1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

For an Alternation of Paragrams of the Control of t

## CEILING VERSUS VISIBILITY

1 -- ACTIVICAL PACE CENTE FL 69-7", 73-5.

STATION STATION NAME VEARS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES						
-FEET-	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2'5	≥ 2	≥1/9	≥1'4	≥1	≥ ¼	≥ '•	≥ %	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	34.3 39.3	57.9 33.5	5 4 • 4 64 • 1	50.8 64.6	54.5 65.3	€ → • 5 _ ⊌ 5 • 3	59.5 55.3	59.5 65.3	59.5 85.3	ს .1 65.9	ου. • • • •	61	cl.1	61.1	67.2	67.1
≥ 18000 ≥ 16000	59.4 00.6	64.8		64.9 65.9	65.6 65.6	~	65.6	65.6	55.5 66.6	66.2 67.2	67.0	65.2 67.2	66.2	67.2	٤7.5 دعو	67.5 63.0
≥ 14000 ≥ 12000	61.3 82.7	56.0 67.0	66.7	67.2 68.2	67.8 60.8	67.8	67.8 63.8	67.3	67.8 69.3	68.5 69.5	69.5	64.5	69.5	67.5	59.8 71.8	59.5 7
≥ 10000 ≥ 9000	65.8 36.8	7 • 2	- 1	71.4	72.0	72.5	72.0	72.0 73.4	72.5	72.7	72.7	72.7	73.7 75.1	73.7	74.7	74.1
≥ 8000 ≥ 7000	59.1 70.1	74.1 75.1	74.7	75.3 76.2	75.9 76.9	75.9	75.9 76.9	75.9 76.9	75.9 76.9	76.6 77.5	76.6 77.5	70.6 77.5	77.5 75	77.5. 78.5	77.8	77.°
≥ 6000 ≥ 5000	70.6	75.9 7d.3		77.1	77.7 8 .3	77.7	77.7 50.0	77.7	77.7	78.4 50.6	79.4 80.6	7 - 4	79.4	79.4	79.7	79.1
≥ 4500 ≥ 4000	74.3 75.7	21.3 24.6	82.	33.9	63.3 84.7	83.3 84.7	53.3 84.7	23.3	33.3	94.	84.7	64.0 85.4	84.3	86.3	25.7 36.7	5. T
≥ 3500 ≥ 3000	73.3 51.1	85.6 87.8	85.3 33.9	26.9 37.4	97.8	57.8 00.5	67.9 90.5	67.8 90.5	87.6 90.1	88.5	68.5 91.2	83.5 91.2	59.5 52.2	89.5 92.2	39.8	39.8
≥ 2500 ≥ 2000	11.1	39.2	9 . 2	91.8	91.9	91.9	91.9	71.9	91.9	94.4	92.E	92.6	53.5 55.4	93.5	13.9 95.7	93.5
≥ 1800 ≥ 1500	32.7 32.9	71.6 91.9	93.8 92.9	93.1	94.3	94.3	94.3	94.3	94.7	94.9 95.4	94.9	94.7	95.9	95.0	96.2	\$6.7
≥ 1200 ≥ 1000	⇒3•4 ⇒3•3	92.5	93.4	94.1	95.3 94.5	95.3	95.3	95.3	95.5	95.9 96.1	95.5	95.9	96.9 97.1	°6.,	57.2 57.4	97.2
≥ 900 ≥ 800	:3.5	92.8	97.9	94.4	95.7	95.7	95.7	95.7	95.7	96.3 96.3	96.3	76.3	97.3	97.3	57.6 57.6	97.6 97.6
≥ 700 ≥ 600	?3.5 .3.7	93.5	94.1	54.6 95.3	95.9	95.9	95.9	95.9	95.4	96.6	96.6	96.6	97.5 98.2	97.5 98.2	97.8 98.5	97.3
≥ 500 ≥ 400	3.7	94.2	95.5	76.0	97.5	97.3 97.5	97.3	97.3	97.3 97.5	96.2	98.2	93.2	98.9 99.1	98.9	99.2	99.0
≥ 300 ≥ 200	33.7 33.7	94.3	95.9 95.0	76.3 96.3	97.6 97.6	97.6	97.6	97.6	97.6 97.6	98.4	98.3	56.3 9:.4	99.2	99.4	99.6	99.0
≥ 100 ≥ 0	: 3 • 7 • 3 • 7	94.3 94.3	95.8 95.8	96.3 96.3	97.6 97.6	97.6 97.6	97.6	97.6	97.6 97.5	98.4 98.4	99.4	93.4	99.4	99.4	99.7	95.7

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ACT AL CELMATGLOUP PRANCH TOTAC ACT HEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

TATION STATION STATION NAME

69-76,73-30

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY /ST.	ATUTE MILI	ES-						
PEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1/2	≥1%	≥۱	≥ 1,4	≥ '∗	≥ .	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	49.5 55.7	5 v • o 6 3 • 5	57.1 64.3	57.7 65.2	5:•? 65•8	58.2 65.8	58.3 05.9	53.6 66.2	51.€ 65.2	5 + . : 6 7 . c	59.5 67.5	59.8 67.6	65.1	50.2 68.1	eΩ•5	96.03 53.4
≥ 18000 ≥ 16000	55.7 56.5	63.5 64.3	64.3 65.1	65.2 65.9	9.30 6.6	55.5 66.6	65.9 66.7	66.2 67.	υ€. <sup>9</sup> υ7.	67.0 68.4	67.6 68.4	67.5 63.4	61.1 61.3	68.1 68.4	69.4 69.1	63.4 69.1
≥ 14000 ≥ 12000	57.1 58.7	64.9 66.6	67.3	66.6 69.2	69.8	67.2 55.8	67.3 63.9	67.5 59.2	67.6	7: 6	69. 70.6	69.∪ 7J.6	69.5 71.1	69.5	59.e 71.4	59.8 71.4
≥ 10000 ≥ 9000	51.4 62.3	69.6 76.4	71.2	71.2 72.0	71.9	71.8	71.9	72.3	72.3 72.1	73.7 74.5	77.7	73.1	74.4	74.4 75.3	74.7 75.6	74.7 75.6
≥ 8000 ≥ 7000	62.8	70.6	71.9	72.3 72.7	72.9	72.9	73.0 13.4	73.3	73.3	75.2	74.7 75.2	74.7	75.5 75.9	75.5 75.9	75 • 8 76 • 2	75.6
≥ 6000 ≥ 5000	64.3	71.9	72.7	73.5	74.2	74.2 76.2	74.4	74.7	74.7	70.1 78.3	76.1 78.3	70.1 73.3	16.9°	76.0 79.0	77.2	77.0
≥ 4500 ≥ 4000 ≥ 3500	67.4 69.4 71.5	77.5 79.7	75.4 83.5 82.9	79.2 31.4	77.9 62.2	79.9	30.1 32.4 84.7	85.6 85.2	85.5 30.5 05.2	31.5 64.2	81.5 34.5 86.6	81.9 64.2 85.6	32.7 64.9 87.3	24.7 24.7	23.7 25.3	23. [5.1
≥ 3000 ≥ 2500	72.0	34 · 3	85 · 2	86.1	87.3 33.4	37.3	38.8	88.2 89.2	88.2 89.2	89.6		89.6	90.3	90.3	50.5 51.7	96
≥ 2000	74	86.9	87.4	35 - 5	89.8		9C 2	90.6		92.5	92 92.6	92.6	92.8	92.8	93.1 93.7	93.1
≥ 1500	74 • 1 74 • 3	97.4	8 ° • •	39.7 90.2		91.5 91.5	71.4 51.9	92.4	91.8	93.2	93.0	93.2	94.0	94.C	94.3 94.8	94.7
≥ 1000	74.4	89.1	85 • 2 90 • 2	90.4 91.4	91.7	91.7 92.8	92.3	92.7	92.7 93.0	94.1	94.1	94.1	94.8	94.8	95.2 96.2	95.2 96.7
≥ 800	74.9 75.1	90.0	9°•4	91.9	93 <b>.3</b>	93.8	93.9	94.3	94.3	95.7	95.7	95.7 96.2	96.5 97.1	96.5	96.8	96.4
≥ 500	75.3 75.3	91.5	92.	94.	94.7		95.9	95.7	95.7	97.8	97.8	97.2	9 = . 7	58.1 58.7	58.4	99.7
≥ 400 ≥ 300 ≥ 200	75 • 3 75 • 3	91.7	93.0	94.2	95.6	05.6	96.1	96.6	96.0	98.1	98.1	98.1	96.9	98.9	99.5	99.5
≥ 100 ≥ 0	75.3 75.3 75.3	91.7 91.7 91.7	93.0	94.4 94.4			96.3	76.8 76.8	96.8 96.8	98.7 98.7 93.3	98.3 98.3	98.3 98.3	99.1 99.1	79.1 79.1	99.7 99.7	99.7 99.7 100.0

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

CEILING VERSUS VISIBILITY

R 358725 Z84€

A NABELY LPACE COUTER FL 69-70,73-65 YEARS

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS LST

CEILING							VIS	IBILITY 'ST	ATUTE MILI	ES-						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.7	≥1/2	21	≥ 3,4	≥ >⁄a	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	45.3	43.7	44.7	44.5 55.6	4° • 9		46.3 57.7	47.5 58.7	47.5 53.7	47.4 54.8	43.	40.0	5°•1	10.1 11.5	1.6	54.0
≥ 18000 ≥ 16000	41.5	53.9	5.	e : 5 • c	57.1	57.1	5E • 1	58.9	§ 1.0	F. ( • *)	5 . · ·	£	57.2	12.	63.4	15.3
≥ 14000	45.9	54.4	56.7	57.5	57.6 56.8		58.5 59.7	59.5 60.6	ာ့တ⊕ € ဗဂၢ•ဗ်	61.7	61.1 62.3	52.3	63.9	62.1	24 • 7 25 • 5	66.3
≥ 12000	45.3 32.3	57.3	5:05	62.7	64.0	54.3	51.2	62.2	62.7	66.9	63.P	63.8	55.4 59.0	69.1	67.1	72.1
≥ 9000	52 • 3	b1.7	63.3	94.1	65.4	<u>ي 5 . 4</u>	46.2	67.2	57.2	60.3	68.8	69.3	7 .4	75.4	72.2	73.4
≥ 8000 ≥ 7000	52.9 53.7	52.6 63.5	65.1	65.2 65.1	67.4	57.4	67.3 68.3	50.3 69.2	69.3	69.4 70.3	69.9 70.9	69.9 70.9	71.5 72.5	71.5 72.5	73.2	74.5
≥ 6000 ≥ 5000	54.9 55.3	65.6 55.6		63.0 68.9	69.2 70.2	69.2	77.1	71.1	71.1	72.2	72.7	72.7	74.3	74 • 3 75 • 3	76.0 77.1	77.3
≥ 4500 ≥ 4000	57.2	63.8	7	71.3	72.6	72.7	73.5	74.5	74.5	75.6	76.1	76.1	77.7	77.7	79.6	r .9
≥ 3500	56.€ 60.€	73.5	72.2	73.2	74.5		75.5 78.5	76.5 79.5	76.5 79.5	77.5	78.1 51.2	81.2	82.8	79.7	31.5 64.6	65.9
≥ 3000	51.3	74.9	72.5	77.6		79.1 60.6	81.5	52.5	32.5	32 • 3 83 • 7	82.8 84.0	92.8	85.8	84.4 85.9	95.2 37.€	58.9
≥ 2000	ي <b>4.</b> 4.1	78.4	79.5	31.8	92.4	02.6	33.7	24.5	64.6 35.1	35.6	66.3 86.8	86.3 86.3	50.€ 80.4	28 • E	35.8	91.1
≥ 1500	64.9	85.1	81.7	91.2 83.1	24.7	54.9	86.2	57.2	87.8	88.4	38.9	88.9	91.5	90.5	90.2 92.4	95.7
≥ 1200 ≥ 1000	(5.1 (5.9	90.4 31.1	89.0 89.0	83.4 84.3	85.1 85.9	35.3	36.6 37.4	27.5 89.5	87.5 88.5	89.8	89.4 90.3	89.4 92.3	91.0	91.0	92.8 93.8	94.1 93.1
≥ 900 ≥ 800	5.5 € 55 € 3		83.2 83.4	24.7	36.5 85.8	96.7 97.5	88.0 48.3	89.4	89.4	90.3 91.5	90.9 91.2	90.9	92.5	92.5	64.7 94.5	45.6 95.5
≥ 700 ≥ 600	ų 5 <b>.</b> 9	42.4	34.1	25.6	37.4	27.6		90.ú	90.0	91.3	91.8	91.8	93.4	93.4	95.3	96.6
≥ 500	:6.3	33.2	87.4	36.5 36.9	99.7	28•9	91. • 2	90.9 91.3	91.4	92.7	92.8 93.2	92.3	94.4	94.5	96.2 97.2	91.5
≥ 400	U5 . 3	33.6	35.5	37.1	87.1	89.2	90.6 90.8	91.8	91.9	93.2	93.9	93.8	95.5	95.5	98.0 98.1	79.4
≥ 200	66.3	93.8	85.7	27.3	37.4	89.6	91.1	72.3	92.4	93.7	94.2	94.2	95.5	95.9	98.4	49.8
≥ 100 ≥ 0	16.3	93.3	85.7	87.3 87.3	89.4	89.6	91.1 91.1	92.3	92.4 92.4	93.7	94.2	94.2	95.9 95.9	95.9 95.9	98.4	99.5 170.0

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PAR CETATIVECUM RYANCH C. Arctac Ann Arathir Schulchimae

## CEILING VERSUS VISIBILITY

MENNERY SPACE CRNIES FL

69-7 ,73-4

2.7-110

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY IST	ATUTE MIL	ES.		· · · ·				
FEET	≥ 10	≥6	≥ 5	≥4	≥ 3	≥2 ,	≥ 2	≥1 7	≥1.	≥1	≥ 34	≥ %	≱:>	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	43. 55.1	48.1 54.1	4 1 64 - 1	41.1 54.3	64.3	45.1	42.1 c4.3		47.1	4 - 2	48.₹ 64.4	43.2 €4.4	40.2 64.6	45.2 64.5	43.3 64.5	4 • : 5 4 • :
≥ 18000 ≥ 16000	59.0 58.7	64.2 55.3	64.2	34.4 33.6	64.4	54.4	64.4	64.4	65.7	64.5 65.5	64.5	64.5 65.5	64.7	54 • 7. 56 • -	64.9 66.3	64.4
≥ 14000 ≥ 12000	01.0 01.4	67.2	67.3	67.5	67.6	37.c	67.6	67.6 70.0	67.6 75.0	67.7 75.1	67.7	67.7 70.1	68.3 70.3	68 75.3	68.2 70.5	68.2 70.5
≥ 10000 ≥ 9000	54.3 55.4	72.3	72.6 74.2	72.3 74.4	77.9	72.9	72.9	72.9	72.4	73.	73.	73.0 74.6	73.2 74.8	73.2	73.4 75.1	73.4 75.1
≥ 8000 ≥ 7000	66.9	75.9	75.	76.5	71.6 77.1			76.6 77.1	76.5	76 • ë	76.8 77.3	76.8 77.3	77.1	77.1 77.6	77.3 77.8	77.3
≥ 6000 ≥ 5000	69.5 70.1	77.6	78. 79.0	75.2 31.0	7:.3 80.1	73.3	79.3		78.3 85.1	78.5 60.3	78.5 57.3	71.5 23		78•£ 86•5	79.0 30.9	
≥ 4500 ≥ 4000	71.1	32.8	81.1	81.3	51.4	2.5	81.4 82.9	21.4	82.	81.6	81.6 03.1	91.6 93.1	31.9 83.4	81.9 83.4	32.7	57.2 93.7
≥ 3500 ≥ 3000	74.1	94.5 30.5	85.2 87.1	25.5 87.4	85.7 87.5	85.7	95.3	25.A 88.C	35.8 88.1	86.0 88.3	\$6.0 88.3	36.0 86.3	66.3 58.6	86.3 88.6	36.6 88.8	
≥ 2500 ≥ 2000	76.9	87.7 33.5	88.4	88.7 81.5	83.9 80.8	88.9		89.2 96.1	89.°	89.0 40.4	89.6 90.4	87.5 90.4	89.9 95.8	99.9 90.8	90.1 91.0	90.1
≥ 1800 ≥ 1500	77.4	£8.7	89.4 90.2	89 <b>.7</b> 90 <b>.5</b>	9 • 0	90.3	95.4 91.3	91.3	91.3	5 . 8 91.7	91.7	9. •8 91.7	91.1 92.0	91.1 92.	91.3 92.3	91.3 92.3
≥ 1200 ≥ 1000	73.9 79.5	92.9 91.5	91.7	92.C 93.D	92.4 93.3	92.4 93.5	92.8	92.8	92.8 93.8	93.2	93.2	93.2	93.5 94.5	93.5 94.5	93.8 94.7	93.8 94.7
≥ 900 ≥ 800	79.5 79.5	91.6	92.8	93.3 93.8	93.8 94.4	93.d	94.2	94.2	94.3	94.6 95.5	94.6 95.5	95.5		94.9 95.8	95.2 96.5	1
≥ 700 ≥ 600	79.7	92.7 93.5	93.9 95.1	94.4 35.6	95.1 96.2	95.1	95.7 96.9	96.9	95.7 97.0	96.1	96 • 1 97 • 5	96.1		96.5 97.8	96.7 98.1	96.7 96.1
≥ 500 ≥ 400	-1.1 30.1	93.9	95.4 95.5	95.9 96.1	96.6 96.8	96.6 96.8		97.2 97.4	97.4 97.6	98.0 96.2	98.2	93.0 93.2	98.3	98.3 98.9	93.5 99.1	96.5 99.1
≥ 300 ≥ 200	-3.1 -5.1	94.3	95.9	96.6 96.7	97.2		) 1	98.2 98.2	98.2 98.4	98.7	98.7	98.7 98.9	99.6 99.8	99.5	99.8 1.0.0	99.8 100.0
≥ 100 ≥ 0	7 E • 1	94.3	95.0	96.7 95.7	97.3 97.3			98•2 96•2	95.4 98.4	92.9 96.9	96.9 98.9		99.8		170.0 170.3	

TOTAL NUMBER OF OBSERVATIONS 53

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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THE SECRETURATOR SUPERIOR AND A THE ACATE OF SERVICE AMAG

## CEILING VERSUS VISIBILITY

1. SU WINDERY LTATE CENTET FL CH-77,73-51

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 7	≥ 2	≥1 7	≥1%	≥1	≥ 1,4	≥ ~•	≥ %	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	د 47 مع 1 م 5 س	47.8	47.d	47.8 66.1	47.8 65.	47.8 66.1	47.8 56.1	47.8 66.1	47.F	47.8 66.1	47.3 c6.1	47.8 66.1	47.8 66.1	47.2 60.1	47.9 66.1	47.8 66.1
≥ 18000 ≥ 16000	65.3	66.6	65.0	66.6 55.8	55.6 66.8	55.6 56.6	66.6 66.3	66.3	£6.4	56.6 66.8	56.5 55.5	66.6	66.6	66.6 56.5	66.5 55.8	56.6 66.8
≥ 14000 ≥ 12000	61.0	69.1	60.1 72.0	69.1 72.1	69.1 72.0	69.1 72.0	69.1	69.1 72.0	72.	59 • 1 72 • ¢	69.; 72.5	69.1 72.0	69 • 1 72 • 0	69.1 72.0	69.1	59.1 72.5
≥ 10000 ≥ 9000	72.0	74.1	74.1 75.7	74 • 1 75 • 7	74 • 1 75 • 7	74 • 1 75 • 7	74.1	74.1	74.1 75.7	74 • 1 75 • 7	74.1 75.7	74.1	74.1	74.1	74.1	74.1
≥ 8000 ≥ 7000	75.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4		77.4	77.4 77.8	77.4	77.4	77.4
≥ 6000 ≥ 5000	76.3 77.1	79. J	77.	79.0 79.8	79.0	79.0 79.8	79.0	79.0 79.8	79. F	79.5	79.°	79.1	7°•1 79•8	79.0	79.f	79. 79.8
≥ 4500 ≥ 4000	73.5 79.7	31.6	81.5 83.1	81.6 83.2	91.6	°1.6		81.6	81.6	21.6	81.5	-	81.6	91.6	21.5 33.2	:1.5
≥ 3500 ≥ 3000	≈2•3 84•3	98.5	96.2	85.5 88.7	86.6	96.6	36.7	86.7	86.7	86.7 88.9	86.7	86.7	86.7	86.7	36.7	85.7
≥ 2500 ≥ 2000	.5 • 8 2 7 • 3	91.6	90.9 92.4	91.1	91.2 93.1	71.2 73.1	91.3 93.3	91.3	91.3	91.3			91.3 93.5	91.3 93.5	91.3	91.3
≥ 1800 ≥ 1500	57.5 57.5	92.7	93.f	97.2	93.3	93.3	93.5	93.7 94.6	93.7	93.8	93.5	93.8	93.9	93.5	93.9	93.8
≥ 1200 ≥ 1000	25.2 28.5	94.7	94.7	95.2 95.8	95.9	95.3 95.9	95.5 96.1	95.7	95.7 96.3	95.8 96.5	95.8		95.5 96.5	95.3 96.5	95.8 96.5	95.9 96.5
≥ 900 ≥ 800	38.9 39.1	95.4 96.1	96. 96.	76.5 77.2	96.6 97.3	36.6 97.3	96.9 97.6	97.1 97.8	97.1 97.8	97.2 98.5	97.2 98.0	97.2 93.0	97.2 98.0	97.2 98.0	97.2 99.0	97.2
≥ 700 ≥ 600	59.1 89.2	96.7 97.1	97.3 97.0	98 • 1 93 • 5	98.3 98.7	98.3 98.7	98.6 99.1	98.8	98.º 99.4	98.9 99.5	98.9	1	98.9 99.5	99.5	99.5	98.9
≥ 500 ≥ 400	39.7 69.3	97.0	97.2 97.8	98.7 93.8	99.9 99.0	96.9 99.0	99.5 99.6	99.7	99.7 99.9	99.8 106.0	99.8 150.0	99.8 100.0	99.8 130.5	99.8 100.0	99.8 100.0	99.9 100.0
≥ 300 ≥ 200	69.3 89.2	97.0 97.0	97.5 97.5	98 • 8 93 • 8	99.0 94.0	99.0 99.0	99.6 99.6	99.9	- 1	100.0 100.0		100.U 100.S		100.J 13 <b>0.</b> 0	100.0 160.0	
≥ 100 ≥ 0	89.3	97.	97.8 97.3	98.8 98.8	99.7 99.0	94.3 99.0	99.6 99.6	99.9	- 1			103.0 106.0		100.0		100.0 100.1

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OTAL	NUMBER	OF	OBSERVATIONS.	 У.	Ł

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CRESCLETE

THE ALCOLTMETOLY DEANCH OF STATE OF SERVICE STATE OF SERVICE S

## CEILING VERSUS VISIBILITY

STATION STATION NAME

STATION STATION NAME

STATION NAME

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		-					VIS	BILITY IST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 7	≥ 2	≥1%	≥1 4	≥1	≥ 1.4	≥ '⁄•	≥ '″	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	47.4 56.2	4 · · · 1 6 7 · 2	4:.2 67.3	40.2	45.2 67.3	4 · • 2 6 7 • 3	4 - • 2 6 7 • 3	48.2	67.3	49.2 67.3	45.2 67.3	43.2	45.2 67.3	45.2 67.3	43.2 67.3	4 •
≥ 18000 ≥ 16000	65.3 66.5	67.3 67.4	67.4	67.4 67.5	67.4 67.5	67.4 67.5	67.4 67.5	67.4 67.5	67.4 67.5	67.4 67.5	67.4 67.5	67.4 67.5	67.4 67.5	67.4 67.5	67.4 67.5	67.4 67.5
≥ 14000 ≥ 12000	67.7 70.0	68.9 71.2	71.3	69.0 71.3	69.5 71.3	69.6 71.3	69.L 71.3	69.3 71.3	69. 71.	69 • 1 71 • 3	69 71.3	69.0 71.3	69.0 71.3	69.5	69.0 71.3	69.5 71.3
≥ 10000 ≥ 9000	73 • 2 75 • 8		- 1	74.7 77.5	74.7 77.5	74.7 77.5	74 • 7 77 • 5	74.7 77.5	74 • 7 77 • 5	74.7 77.5	74.7 77.5	74.7	74.7 77.5	74.7 77.5	74.7 77.5	74.7 77.5
≥ 8000 ≥ 7000	73.3 75.9	31.2	80.2 81.3	80.2 81.3	ac.2 s1.3	90.2 91.3	30.2 31.3	°C.2	50.2 31.3	81.02 51.3	81.3	91.02 31.3	80.2 31.3	80.2 21.3	80.2 81.3	25.2 51.2
≥ 6000 ≥ 5000	მე.ე მ <b>1.1</b>	32.3 83.3	82.4 33.9	32.6 83.9	82.6 83.9	92.6	32.6 83.0	82.6 83.9	83.9	82.6 83.9	87.6 83.9	82.6 83.9	82.6 83.9	82.6 83.9	82.6 83.9	32.6
≥ 4500 ≥ 4000	52.5 34.1	95.5 87.7	85.6 87.8	95.6 37.3		85.6 87.8	35.6 37.8	85.6 87.8	85.6 87.8	85.6 87.6	85.6	85.6 87.8	85.6 87.3	85.5 87.8	55.6 57.8	63.6 57.8
≥ 3500 ≥ 3000	86 • 3 a7 • 0	9 .6	9 T • F	90.8 91.9		90.8 91.9	91.8 91.9	90.8 91.9	90.8 91.9	90.0 91.9	90.8 91.9	95.8 91.9	90.8 91.9	90.3 91.9	90.F 91.9	96.5 91.5
≥ 2500 ≥ 2000	58 • 1 57 • 0	93.0	93.2	93 <b>•3</b>		93.3	93.3 94.9	93.3 94.9	93.3	93.3 94.9	93.3 94.9	93.3	93.3 94.9	93.3 54.9	93.3 94.9	93.3 94.9
≥ 1800 ≥ 1500	49.2 59.5	94.5	94 • 4 95 • 1	95.4 95.6		95.4	95.4 95.6	95.4 95.6	95.4 95.6	95.4 95.6	95.4 95.6	95.4 95.6	95.4 95.6	95.4 95.5	95.4 95.6	95.4 95.6
≥ 1200 ≥ 1000	65.5 69.9	95.2	95.5 95.9	56.5 96.5	96.5	;6•€ 56•5	76 • C 96 • 5	76.0 96.5	96.5	96.0 96.5	96.5 96.5	96. 96.5	96.5 96.5	96.5 96.5	96.5 96.5	96.0 96.5
≥ 900 ≥ 800	92.3		96.9 97.9	97.3 98.1	98.1	97.3 95.1	97.3 98.1	97.3 98.1	97.3 99.1	97.3 95.1	97.3 98.1	97.3 98.1	97.3 98.1	97.3 98.1	97.3 93.1	97.3 98.1
≥ 700 ≥ 600	91.4 92.4	97.2	97.8 95.1	98.4 98.7	98.4 98.8	98.4 98.8	98.4 98.8	98.4 98.8	98.4 98.8	98.4 98.5	98.4 98.9	98.4 98.8		98.6	98 • 4 98 • 8	98.4 98.6
≥ 500 ≥ 400	90.4 93.6	97.5	98.7	98.9 99.5	99.6	99.0 99.6	99.0 99.6	99.0 99.6	99.1	99.1 99.7	99.1 99.7	99.7		$\overline{}$	99.1 39.7	69.1 69.7
≥ 300 ≥ 200	90.6 90.6	97.8	98.7	99.5 99.5	99.7	99.6 99.7	99.6 99.7	79.6 99.7	99.5	99.7 99.8	99.7 99.8	99.7 99.8				99.8 155.6
≥ 100 ≥ 0	91.6 91.6			99•5 99•5		99.7 99.7	99.7 99.7	99.7	99.8 99.8	99.8 99.8	99.8	99.8			150.0 1.5.0	160.0 164.0

TOTAL NUMBER OF OBSERVATIONS

UC. FAE CUIMATOLOGY BRANCH L GF. TAC 45. GFATO Y SERVICTZMAC

## CEILING VERSUS VISIBILITY

1. 12 KINNERY JOACE CENTER FL 69-77,73-61

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (STA	ATUTE MIL	ES .						
-FEET-	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1'9	≥1'a	≥1	≥ 1⁄4	≥ 2.0	≥ ″າ	≥5 16	≥.	≥0
NO CEILING ≥ 20000	31.3 03.8	52.6 55.4	52.° 65.0	52.d 65.6	52.8 65.6	52.° 65.6	52.5 65.6	52.5 65.6	52.5 65.6	52.0 65.6	52.1 65.5	52.8 65.6	57.8 65.6	62.4 85.6	2.9 65.7	52.9 55.7
≥ 18000 ≥ 16000	54.5 55.3	66.1 67.1	67.3	66.3 67.2	66. <u>3</u> 67.2	67.2	66.3	65 • 3 67 • 2	67.3	66.3	66.3 67.2	66.3	56.3 67.2	66.3 67.2	66.5 67.3	66.5
≥ 14000 ≥ 12000	ι6•1 ύ7•5	69.6		68.5 69.9	69.5 69.9	69.5	63.5 59.9	69.9	69.9	68.5 69.9	68.5 69.9	65.5 69.9	93.8 91.2	58 • E 69 • 9	68.6 70.0	63.6 70.5
≥ 10000	71 • 2 73 • 7	73.3	74 • 1 77 • 1	74.i	74.1 77.0	74.1 77.0	74 • 1 77 • 0	74 • 1 77 • ご	74 • 1 77 • 1	74.1	74.1 77.	74.1 77.0	74 • 1 77 • 5	74 • 1 77 • 1	74.2 77.1	74.2
≥ 8000 ≥ 7000	75.9	78.9 80.2	79.7 80.5	79.2 30.5	80.5	79.2 20.5	79.2 30.5	79.2 30.5	70.7 50.5	79.2 20.5	79.2	79.2 85.5	79.2 53.5	79.2 &3.5	79.4 35.6	79.4
≥ 6000 ≥ 5000	78.6 ac.d	33.7	82. 84.	32.2 84.0	52.2 84.0	24.0	82.2 34.0	62.2 34.0	32.2 34.5	32.2	42.0 8 <b>4.</b> 0	82 • 2 84 • 0	82.2 84.0	82.2 84.0	32.3 84.1	94.1
≥ 4500 ≥ 4000	ი2•9 გ3•4	96.8		27.1 23.7	57.1 89.7		37.1 88.7	37.1 86.7	87.1 38.7		88.7	87.1 99.7	_	87.1 88.7		
≥ 3500 ≥ 3000	გე.5 ე <b>ი6.</b> 5	90.6 91.8	92.3	91.J 52.Z	91.0 92.2		91.2 92.2	91.0 92.2	91.5 92.2	91.0 92.2	91.0 92.2	91.0 92.2	91.0 92.2	92.2	91.1 92.3	
≥ 2500 ≥ 2000	37.7 28.5	93.3	93.9	93.8 94.7	93.9 94.8	94.8	93.9 94.8	94.8	93.9	93.9 94.8		93.9	93.9 54.8	94.8	94.3 94.9	54.9
≥ 1800 ≥ 1500	87.4	95.4	95.5	95.8 96.0	95.4	66.1	95.4 96.1	95.4 96.1	95•4 96•1	95.4 96.1	96.1	95.4 96.1	95.4 96.1	96.1	95.5 96.2	95.5
≥ 1200 ≥ 1000	89.7 89.7	96.1	96.3 96.7	96.7 96.9	9֥8 97•	96.8	96.8 97.5	96.3 97.0	96.9 97.0	96.8 97.3	96.9 97.0	96.8	96.8 97.0	96.5 97.6	96.9	96.9
≥ 900 ≥ 800	97.	96.6	97.	97.2 97.3	97.3		97.3 97.4	97.3 97.4			97.4				97.4 97.5	97.5
≥ 700 ≥ 600	43.2 70.2	97.4	97.8 98.5	98 • 1 98 • 5			98.3 98.6					98.2 98.6				
≥ 500 ≥ 400	90.2 90.3	97.8 93.0	98.4 98.5	93.6 98.7	93.7 99.1	95.7 99.1	99.7 99.2	99.2	99.7 99.2	98.7 99.4	98.7 95.4	98.7 99.4				
≥ 300 ≥ 200	90.2	95.0	92.5	93.7	99.1 99.1		99.4 99.4	99.6	99.6		99.7 99.7	99.7 99.7	99.7			
≥ 100 ≥ 0	9:•3	98.4 95.	93.5	98.7 98.7	99.1 99.1	99.2	99.4	99.6	99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8 1::::::

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE ALCOLOMATALACY RANGE A STEPAC ASSETS A STANFOLD FALL

## CEILING VERSUS VISIBILITY

E. KENNESY SPACE CENTER FL

69-70,73-8"

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 11.0-2300</u>

CEILING							VIS	BILITY (ST.	ATUTE MILI	ES:				-		
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥172	≥1%	≥1	≥ ⅓	≥ "₀	≥ 'י	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	54.7 03.1	50.7 55.7	56.0 65.0	57.1 66.1	37.1 60.2	: I	57.1 06.2	57.3 66.5	57.3 66.5	57.c	57.6 66.5	57.0 66.8	57.8 67.0	57.8 67.0	59. 67.1	£7.1
≥ 18000 ≥ 16000	63.7 64.3	66.2 66.9	66.5 67.1	56.7 67.3	66.8		66.8 67.4	67.0 67.6	67.5	67.3 63.1	67.7 98.0	67.3 64.0	57.5 63.2	67.5 68.2	67.6 68.3	67.6 68.3
≥ 14000 ≥ 12000	£3.6 i6.9	68.2 69.1	69.4	58.6 69.6	63.7 67.7	68.7 69.7	68.7 69.7	68.9 69.9	68.9 69.9	69.2 72	69.1 71.2	69.2 71.2	69.5 73.4	69.5 72.4	69.5 72.5	69.6 73.5
≥ 10000 ≥ 9000	72 • 2 71 • 8	73.1 75.7	73.1 75.9	73.5 76.1	73.8 76.3		73.8 76.3	74 • 6 76 • 6	74 • 1 76 • c	74.3 76.9	74.3 76.9	74.3	74.5 77.1	74.5 77.1	74.6 77.2	74.5
≥ 8000 ≥ 7000	73.5 75.2	77.6 79.5	79.7	78 • 1 77 • 9	75.3 80.1	78.3	7° • 3 3C • 1	78.5 80.3	78.5 80.3	78.8 90.6	78.8 80.6	70.6 8∴6	79.5 80.9	79.3 80.9	79.1 81.0	79.1 51.5
≥ 6000 ≥ 5000	76 • 5 78 • 7	81.1 93.4	81.3 83.9	91.4 34.1	£1.6	34.2	81.6 84.3	81.8	81.8 84.5	82 • 2 84 • 5	52.2 84.8	82.2 84.2	35.1	82.4 85.1	82.5 85.2	82.5
≥ 4500 ≥ 4000	31.4 c2.3	87.3	86.7	36.9 38.1	89.3	37.1 38.3	87.1 88.3	87.3 88.5	87.3 88.5	87.5	87.6 88.9	97.6 88.3	87.8 89.0	37.9 39.0	68.C 69.1	56.i. 89.1
≥ 3500 ≥ 3000	54.4 35.6	91.3	91.7	93.0 92.0	92.3		91.0	91.2	91.2 92.5	91.5 92.8	91.5 92.8	91.5 92.8	91.7 93.0	91.7 93.0	91.8 93.1	91.8
≥ 2500 ≥ 2000	÷7•1	93.1	93.5	93.9	94.1 95.3	. 3	94.1	94.3	94.3		94.E	94.6	94.8	94.6 96.5	94.9 96.1	94.9
≥ 1800 ≥ 1500	38.0 68.4	94.7	95.2	95.5 96.1	96.3	96.3	95.7	95.9		96.2	-		96.5 97.1	96 • E 97 • 1	96.6	96.6 97.2
≥ 1200 ≥ 1000	89.3 39.1	95.9	96.2	96.8	97.3	97.3	97.0		97.5	97.5 97.8	97.5 97.8	97.5	97.7 98.1	97.7 98.1	97.8	97.8
≥ 900 ≥ 800	89.0	96.3 96.5		97.4		97.6			97.7	98.1 98.2	98.1 98.2	98.1	98.4	98.3	98.5	99.5
≥ 700 ≥ 600	89.0 89.0	96.6		97.7	98.0 98.5	98.5	98.0	98.2	98.2 98.7 99.2	98.5 99.5	98.5 99.0	98.5 99.0	98.7 99.2	98.7	98.8 99.4	99.4
≥ 500 ≥ 400 ≥ 300	89.0	97.7	98.5	98.8 98.8	99.1	99.1	99.0 99.1	99.4	99.4	99.6 99.7	99.7	99.7	99.9	99.8	1 .5.r	99.9 100.0
≥ 200	89.0	97.7	98.5	93.8	99.1	99-1	99.1	99.4	99.4 99.4	99.7	99.7	99.7	99.9	99.5		104.0
≥ 100	89.1	97.7		93.8		99.1	99.1	99.4	59.4	99.7	99.7	99.7	39.9		100.0	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISSOLETE

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PECHAL CEPRATOLOGY GRANCH FAR ARATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

MENNEGY SPACE CENTER FL

67-77,73-61

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ISTA	ATUTE MIL	ES:	•					
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1%	≥1%	≥1	≥ ⅓	≥ '⁄•	≥ 5	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	47.9	51.3 63.7	51.7 64.1	51.9	52 <b>.2</b> 64 <b>.7</b>	52.2 64.7	52.3 64.8	52.5 65.€	52.5 65.	52.5 65.4	57.9 65.9	52.9 65.5	53.3		53.6 66.3	53.7 66.4
≥ 18000 ≥ 16000	59.9 02.4	64.5 64.6	64.4 65.	54.7 55.3	65∙9 65•7	55.E	55.1 65.8	65.3 66.0	υ°•3 66•0	65.0	65.0 66.5	65.3 66.5	66.3 66.9		66.6 67.3	66.7
≥ 14000 ≥ 12000	63.3	56.0 67.7	66.4	66.3 56.5		67.1	67.2 59.0	67.4	67.4	67.5	67.9	67.9 69.7	68.4 75.1		68.7 75.5	62.9
≥ 10000 ≥ 9000	67.7	71.7	71.5	71.8	72.2 74.1	72.2	72.3	72.5	72.5	72.9	73.0	73.5	73.5 75.4	73.5	73.8 75.7	74.5. 75.9
≥ 8000 ≥ 7000	39.3 /S.1	74.7		75.5 76.5		75.9	76.3	76.2 77.1	76.2 77.1		76.7	76.7 77.6	77.2 78.1		77.5 78.5	77.7 73.0
≥ 6000 ≥ 5000	71 • 1 72 • 4	76.9		77.7	73.1 79.8	73.1	78.2	79.4 80.1	78.4 31.1	72.9	<b>7</b> 9.	79.J 87	7°.4 51.2	79.4 31.2	79.8 91.5	79.5
≥ 4500 ≥ 4000	74.4	82.7		21.9 33.6		92.3 84.0	32.5 34.2	92.7	82.7 84.4	33.1 84.9	83.2 84.9	33.2	83.7	83.7 85.4	84 85.5	84.3 85.3
≥ 3500 ≥ 3000	77.9 79.2	85.4	86.7 87.7	36.4 39.2		36.9 30.7	37.0 87.0	87.Z 89.2	37.2 39.2	67.7	87.8 89.7	87.8	58.3 50.2	88.3 90.2	28.6	36.0 94.7
≥ 2500 ≥ 2000	1.2	38.5 39.9		89.7		90.3 >1.3	90.5 92.0	98.7 93.2	96.7	91.2 92.7	91.3	97.3	91.7	91.7	92.1	92.3 93.E
≥ 1800 ≥ 1500	:1.3	90.9	91.7	91.5	92.2	92.2	92.4 93.3	92 <b>.7</b> 93.5	93.5	93.2	93.2	93.2	93.7	94.6	94.1	54.2
≥ 1200 ≥ 1000	82.3 32.5	91.6	92.4	93.5 93.5		÷3.7	94.0	94.2 94.7	94.2	94.7	94.8	94.8	95.3	1 (	95.6	95.8 76.3
≥ 900 ≥ 800	52.7	92.5	93.4	94.0 94.4		94.7 95.1	95.0 95.5		95.3 95.7	95.8	95.9 96.3	95.9	96.3 96.8	1	95.7	96.9 97.3
≥ 700 ≥ 600	82.9 33.1	93.3	94.2	94.9 95.0	95.6 96.3	95.6 96.3	76.0 96.7	96.2	96.2	96.8	96.5	96.8	97.3 98.1		97.7 98.4	97.5
≥ 500 ≥ 400	33.3 52.1	94.2	95.3	96.2	96.7 97.0	97.0	97.1 97.4	97.4	97.4	96.3	98.5 98.4	98.C 98.4	98.5 98.9		99.0 99.4	99.1
≥ 300 ≥ 200	63.1 33.1	94.3	95.5 95.5	96.3	97.1 97.1	97.1	97.5 97.6		97.9	98.4	98.5 98.6	98.5	99.1 99.2	99.4	99.6 99.7	99.7
≥ 100 ≥ 0	93.1	94.3	95.5 95.5	76.3 96.3	97.1 97.1	97.2 97.2	97.6 97.6		98. 98.	98.5 98.5	98.6 98.6	96.6 98.6			99.7 99.7	99.4 185.6

TOTAL NUMBER OF OBSERVATIONS \_\_\_

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TO ALCOLIMATELECT HEAVEN CONTROL 2 - VEATH & SERVICE/MAC

## CEILING VERSUS VISIBILITY

1 10 A ANECY SPACE CENTER FL 69-70,73-51

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY IST	ATUTE MIL	ES .						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1'2	21.	≥1	2 %	≥ '•	≥ 7	≥5 16	2.	≥c
NO CEILING ≥ 20000	58.5	53.4	7 . 1	64.3	64.5	64.5 76	54.5 70.0	64.7 76.7	54.7 70.7	64.7 76.7	64.1 76.7	64.7	65.0 71.0	65.0 71.0	65.4 71.4	55.8 71.9
≥ 18000	54.4	69.4	7	70.4	7:.7	7:.7	71.7	70.8 71.2	70.5	73.8	70.8 71.2	71.5	71.2	71.2	71.5	72.3
≥ 14000 ≥ 12000	64.5 c5.7	71 70.9		71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.9	71.9	72.2	72.7
≥ 10000 ≥ 9000	63.3	74.2	75.2	75.4 79.2	75.7	75.7	75.7	75.8	75.4	75.9	75.6 79.6	75.8 75.6	75.1	76.1	75.5	77
≥ 8000 ≥ 7000	72.3	79.7	82.4	90.9	81.1	#1.1	81.1	81.2 83.0	11.2	91.2 83.0	81.2	21.2 93.	61.6 53.3	81.5	31.5	22.4
≥ 6000 ≥ 5000	74.9	82.3	83.7	33.5	83.7	63.7	83.7	93.8	83.8	83.3	83.8	83.3 85.1	34.2	84.0 85.5	24.5 85.8	
≥ 4500 ≥ 4000	77.1	95.3	3t.4	34.8 35.6 35.7	35.0 36.9 86.9	36.9	85.0 86.9 88.9	87.0 89.0	35.1 37.0	87.0 89.0	87.5 87.5	97.C	87.4 89.4	:7.4 39.4	37.7 89.7	38.2
≥ 3500 ≥ 3000	30.7 51.6	95.4		90.7	97.0		90.9	91.0	91.	91.6 92.4	91.C	91.0	91.4	91.4 93.1	91.7	92.2
≥ 2500 ≥ 2000	82.3	91.5	92.6	92 • ø	93.4	93.4	53.4 94.2	93.5	93.5	93.5 94.3	93.5 94.3	93.5	53.9 94.7	93.9	94.2	94.7
≥ 1800 ≥ 1500	62.7	92.0	92.1	93.7	94.4	94.4	94.4	94.6	94.5	94.6	94.6	94.6	94.9	94.9	95.3	95.7
≥ 1200 ≥ 1000	63.3	92.0	94.2	74.8		95.5	95.2 95.5	95.6	95.6	95.3	95.3 95.6	75.6	96.C	96.0	96.3	96.8
≥ 900 ≥ 800	63.6 63.8	93.7	94.7	95.9	96.6	96.6	96.0	96.7	96.1	96.7	96.1 96.7	96.1	97.0 97.0	96.5 97.0 97.3	97.4 97.6	97.9
≥ 700 ≥ 600	83.8 83.8	94.0	95.6	76.2 76.8	96.9 96.9	96.9	96.8 96.9 97.5	96.9 97.0 97.6	97.0	96.9	96.9 97.0 97.6	96.9 97.0 97.0	97.4	97.4 93.0	97.8	93.2 95.5
≥ 500 ≥ 400	53.9 53.8	94.7	96.3	96.9	97.6 97.6	97.6	97.6	97.8	97.8	97.5	97.8	97.8 98.0	98.1	98.1 98.3	98.5 93.7	95.9
≥ 300 ≥ 200	33.9 53.9	95.1	95.7	97.3 97.6	93.0	99.0	98.0	98.1 98.5	98.1	98.5 98.6	98.5	98.5 98.8	98.8	98.5	99.2	00.6
≥ 100 ≥ 0	03.9	95.3	97. 97.	97.6	98.3	93.3	98.3		98.5	98.8 98.6	98.8	98.8	99.2	99.2	99.5	

USAF ETAC FORM 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LICHAL CLIMATOLOGY - CAUCH - TAC AUT STATE AUSENVICIVAN

## CEILING VERSUS VISIBILITY

STATION STATION STATION NAME

59-72,73-8

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES.						
-FEET-	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1 ′′1	≥1'4	≥1	≶ <sub>7</sub> *	≥ ⅓	≥ ;	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	56 · i	55.3 62.3	55. 53.2	56 • 9 63 • ∪	54.2	17.3 64.2	57.4 04.3	57.4 64.3	57.0 64.3	57.7	57.6 64.5	57.9 64.6	38.6 61.5	58.6 65.3	59.1 66.0	()." Eu.1
≥ 18000 ≥ 16000	56.1 56.5	62.3	63.7 63.7	63.5 54.1	54.2 64.7	54.2 64.7	64.3 64.3	64.3 64.8	94.5 94.5	64.8 65.2	64.F	64.5 62.1	65.5 55.3	65.5 56.J	56.4	30.1 65.5
≥ 14000 ≥ 12000	57.0	53.8 64.8	65.7	65.1 36.1	o5.7	65.7 66.7	65.8 66.8	65.3 66.8	ნ5•8 66•3	66.3 67.3	66.3 67.3	65.3 67.2	67.0 60.0	66.3	67.5 68.4	67.t
≥ 10000 ≥ 9000	υ0.3 υ?•ο	67.7 70.0		39.0 71.3	69.6 71.9	71.3	69.7 72.	69 <b>.7</b> 72.0	59.7 72.	70.2 72.5	77.5 72.5	73.2 72.5	71.2 73.4	71.2 73.4	71.6 73.9	71.7
≥ 8000 ≥ 7000	3.3 1.2ن	71.6		73.0 75.1	73.6 75.7	75.7	73.8 75.8	73.3 75.8	73.6 75.5	74.2	74.2	74.2 76.2	75.2 77.2	75.2 77.2	75.7 77.7	75.2 77.5
≥ 6000 ≥ 5000	66.9 65.3	75.7		77.1 73.6	77.7 <b>7</b> 9.4	79.4	77.8 79.6	77.8 79.5	77.8 79.4	7d.3	70.3 80.1	78.3 56.6	79.2 31.1	79.2 51.1	79.7 91.6	77.0 21.7
≥ 4500 ≥ 4000	75.3	32.4	33.3	81.8 93.9	32.4 34.5	54.5	92.5 84.6	24.5	32.5 34.6	82.3 85.1	\$3.0 \$5.1	83.1 85.1	64.3 65.2	34.0 86.2	34.5 96.8	14.6
≥ 3500	75.9	85.5 87.2	93.3	37.1 25.8	67.6 39.7		87.7 87.8	87.7	37.7	86.3 90.1	38.7 90.3	9:.3	59.2 91.4	39.2 91.4	99.7	31.5
≥ 2500 ≥ 2000	76.2	87.6	8 7 . 1	89.1 89.7	9 - 1 9 - 7		95.9 95.9		90.2 90.0	91.3	90.7 91.3	91.3	91.7 92.3	91.7 92.3	93.2 92.8	93
≥ 1800 ≥ 1500	75 · 3	93.7	95.	90.8	91.7	93.8 91.7	95.9 91.8	91.3	9 0	92.3	91.4 92.3	92.3	92.4	_	92.9	94.
≥ 1200 ≥ 1000	77.3	91.00 91.3	91.5	92.1 92.4	93.0 93.4		93.5	93.1 93.5	93.1 93.1	93.6 94.0	93.6	93.6 94.6	94.7 95.0	94.7	95.2 95.5	45.6
≥ 900 ≥ 800	73.1	95.7	92.4	72.d 93.5	94.4	94.4	93.9	c4.6	94.6	94.3 95.0	94.7	94.3	95.4 96.1	95.4 96.1	45.9 46.6	90.7
≥ 700 ≥ 600	72.3 18.4	92.7	94.7	93.9	94.8 95.7	95.7	54.9		95.	95.5	95.5 96.5	95.5 96.5	50.6 57.5	_	97.7 98.0	97.5
≥ 500 ≥ 400	79.5	93.3	94.4	95.5	96.5	70.5	96.5		96.2	97.3	96.7	95.7	97.8	97.6 98.3	98.2	90.7 98.7
≥ 300 ≥ 200	79.7	93.5	95.3	75.9	96.9	97.0	97.0	97.4			98.2	98.2	98.9	98.3	39.6	
≥ 100 ≥ 0	70.7	93.5	95.3	95.9	-	}	97.3 97.3	1	97.4	98.2	98.2	98.2 98.2	99.3 99.3	59.3 59.3	99.8 99.8	99.5

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_\_\_\_34

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

E WE SETERICESTY FRANCH ... IT. TAC ... ATT. FATER & SCHWICE/MAC

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST	ATUTE MILI	ES-						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1 %	≥1 2	≥1	≥ 1,4	≥ `*e	≥ :	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	45.5	47.9 ຊຽ.8		49.3 57.4	4″.⊅ 53.€	49.8 53.0	ΣΓ•1 ↓∂•4	55.6	57.0	56.6 58.9	58. ⊐4.9	50.6 54.9	51.2 59.5	51.8 57.8	6.5	*3.2;
≥ 18000 ≥ 16000	45.3	50.3 50.6	57.3 57.7	57.9 58.3	58.5 \$5.9	1	57.9 57.2	59.3	59.3 39.7	59.3 59.7	59.3 59.7	59.3	59.9 50.3	59.9 60.3	61.5	52.5 52.6
≥ 14000 ≥ 12000	49.3	59.1 61.6		e / • 9 63•4	63.9	51.5 63.9	61.8 64.3	62.3 54.8	32 • 3 64 • i	64.5	52.3 64.5	52.3 64.8	62.5 05.4	52.9 55.4	64.2 56.7	55.2 57.7
≥ 10000 ≥ 9000	93.4 54.7	64.7	67.	65.7	67.4 69.1	67.4 c7.1	67.7	58.2 70.€	63.2 73.1	66.2 75.5	68.2 70.	66.2 7	65.3 75.6	68.5 76.5	70.1 71.9	71.2 71.9
≥ 8000 ≥ 7000	57.	69.5 69.5	70.	71.5	75.7	70.7	71.5 72.6	71.5 73.0	71.5 73.6	71.5	71.5	71.5 73	77.1	72.1	73.4 74.5	74.5 76.
≥ 6000 ≥ 5000	53.2 59.3	71.4	72.5	73.4	74.1	74.1	74.5	74.9	74.9	74.9	74.0	74.9 75.4	75.5 77.5	75.5	76.8 78.3	77.5
≥ 4500 ≥ 4000 ≥ 3500	t 1 • 3	73.9 75.2 77.7	74.5	75.9	76.6 75.1	75.0	77.5	77.4	77.4	77.4	77.4	77.4 79.0	75.6	79.6	79.7	6 j . 7
≥ 3000	54.4 54.7	79.7	79.1 86.7 31.1	81.7 37.0	97 82.6	87 32.6	93.0	71.6 83.5	81.6 53.5	:1.6 23.5	43.5	91.6	62.2 34.0	92.2	35.5	≎•4
≥ 2000	45.3	01.2 21.7	83.7	83.8 34.3	34.8	53.€ 34.9	35.2 35.9	93.3 35.7	53.8 55.7	35.7	83.2	83.8	84.4	84.4 66.3	35.7 <u>47.6</u>	56.5
≥ 1500	(7.1	33.6	34.4 8£.4	37.6	56.5 39.7	28.36 28.3	87.1	86.4 87.5	56.4 57.6	36.4 87.6	57.6 37.6	87.6 87.6	87.7 88.2	87.4 88.2 90.4	39.5	89.0 5.08 93.0
≥ 1000	67.3	64.9 69.1	36.7	29.1	39.4	39.3	90.3	96.8	91.1	90.9	90.5	96.8	91.4	91.4 91.7	92.7 93.7	94.7
≥ 800 ≥ 700	67.4	96.1	87.0	37.5	9 . 4	90.5	91.5	92.U	92.1	92.0	92.3	92.3	92.9	92.9	93.9	95.5
≥ 600	67.7	87.0	88.7	90.5	92.0	91.7	92.7	93.1	93.1	93.3	93.7	93.7	93.9	94.3	95.? 95.6	96.5
≥ 400 ≥ 300	67.3	67.5 67.5	89.7	91.0	92.8	92.9	94.3	04.4	94.4	94.7	94.7	94.7	95.3 96.0	95.3 96.5	96.5	97.9
≥ 200	67.9	87.5		91.1	92.9	92.9	94.3	54.9	94.9	95.2	95.2	95.2	96.7	96.0 96.2	97.8	99.3
≥ 0	07.8	97.5	89.7	91.1	52.2	72.9	94.3	^4.5	94.0	95.2	95.2	95.2	96.2	c6.2	98.	1.406

TOTAL NUMBER OF OBSERVATIONS 34

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

STO AL CLIMATOLO, F. MACCH. C. C. FLO F. C. CATHOR SERVICEZMA

## CEILING VERSUS VISIBILITY

STATION TABLE TO TO TO THE STATION TABLE THE STATION TABLE YEARS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY 'ST	ATUTE MIL	ES:			-		-	
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥172	≥11%	≥1	≥ ⅓	≥ '8	≥ ;	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	47. JS.1	50.7	5 · 6	: . <i>1</i>	50 <b>.7</b>	" C • 7	50•7 50•2	SL.7	30.7 00.7	50.7 60.0	50.7 40.7	El.7 €1.2	5 • 7 u 5 • 2	50.7 60.2	51.09 30.4	5 4 5 4
≥ 18000 ≥ 16000	.5•0 36•5	51.1	ti.	0.•5 5 <b>1•</b> €	57.5 61.6	05 :1.u	67.5 01.6	60. 61.a	61.0	60.5 61.6	60.5	61.0	5 - 5 01.6	60. ul	61.4	62.8 51.5
≥ 14000 ≥ 12000	.78•1 50•4	62.9 65.5	63.c	63.7 66.3	63.7 66.2	63.7 66.3	63.7 66.3	63.7 66.3	53.7 66.2	63.7 66.3	€7.7 6€.3	63.7 66.3	ნ3.7 ნნ.3	63.7 66.3	£3.9	43.5 46.5
≥ 10000	52.0 53.0	€e•7 7ۥ6	71.4	69.6	71.5	71.5	71.5	59.6 71.5	50.6 71.6	71.5	69.5 71.5	69.5 71.5	69.6 71.5	59.6 71.5	11.7	74.7
≥ 8000 ≥ 7000	55.5 (5.5	72.9	74.	73.9 75.1	73.9 76.1	73.7 75.1	73.9 75.1	73.9 75.1	73.9 75.1	74.0 75.2	74.1 75.2	74.5 75.2	74.3	74 • . 75 •	74.2 75.4	74.2
≥ 6000 ≥ 5000	67.1	76 • 1 76 • 9	77.7	77.4 77.5	77.4 77.9		77.4	77.4 77.9	77.4 77.5	77.5 75.0	77.5	77.5 7:45	77.5 75.0	77.5	77.3 79.3	71.8 72.3
≥ 4500 ≥ 4000	72.4	79.3 31.9	61. 83.3	61.2	81.2 23.7	:1 • 2 3 • 7	81.2 82.7	51.2 33.7	51.? 63.7	91.3 83.2	≈1•7 53•∪	°1.3 53.5	#1.3 83.3	51.0 33.1	31.6 64.5	5 ) 0 C
≥ 3500 ≥ 3000	77.9	93.5	34.9 36.9	85.2 36.9	33.2 87.	37. z	55.3 87.1	45.3 57.1	35.7 37.1	85.5 37.2	85•5 3 <b>7•</b> 3	85.5 87.2	35.5 37.2	55.5 67.2	35.7 37.5	45.7 47.5
≥ 2500 ≥ 2000	75 • d	∃6.5 3 <b>7.5</b>	37.3 88.9	89.3 89.2	89.5 87.5		28.7 39.6	38.7 89.6	88.7 69.6	33.5 85.7	88.4 85.7	85.8 89.7	38.3 39.7	58.8 89.7	89.1 93.5	89 61
≥ 1800 ≥ 1500	75.3	38.3 85.8	91.	90.1 91.6	50.3 91.₽	45.3 41.8	90.4 92.1	90.5 92.3	97.5	91.7 92.4	97.7 92.4	9•7 92•4	97	90.7 92.4	93.7	92.7
≥ 1200 ≥ 1000	73.	91.1 93.0	92.7 94.1	93.3 94.8	93.5 95.0	73.5 95.0	93.7 95.3	74.0 95.5	94.0 95.0	94.1 95.6	94.1 95.6	94.1 95.0	95.6	94.1 95.5	94.7 55.9	95.9
≥ 900 ≥ 800	78 • 1 73 • •	5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	l i	95.1 95.7	95.3 95.5	95.3 96.0	95.5	95.7 96.5	95.7 96.5	95.9	95.6 96.5	95.9 96.6	95.9 96.6	95.9 96.6	96.3	96.1 96.8
≥ 700 ≥ 600	78 • 1 78 • 1	93.1 93.1	95.4	96.3	95.6 96.6	96.6 45.6	96.8 96.8	97. 97.5	97." 97."	97.2 97.2	97.2 97.2	97.2 97.2	97.2 97.3	97.2 97.3	97.4 97.5	97.5
≥ 500 ≥ 400	72 • 1 73 • 1	93.1 93.1	95.6 95.4	76.5 76.7	96.9 97.0	95.3 97.0	97.3	97.3 97.5	97.3 97.5	97.4 97.6	97.4 97.8	97.4 97.8	97.5 97.9	97.5 97.5	97.8 99.1	97.8 43.1
≥ 300 ≥ 200	72.1	93.1	95.0	96.7 96.7	97•3 97•3		97.8 97.8	96•2 98•2	98.7 98.7	98.3 90.5			98.58	98.5 99.1	99.3 99.8	99.7 99.7
≥ 100 ≥ 0	79.1 79.1	93.1 93.1	95.9 95.9	96.7 96.7	97.3 97.3		97.8 97.2	98•2 °8•2	98•3 98•3	98.5 98.5				99.1 99.1	99.9	• • •

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

USAF ETAC 101 04 0-14-5 (DL A) MENOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 SATION NAME OF A STATE OF A STA

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

27-17,13-2

CEILING							VIS	BILITY ST	ATUTE MIL	E5						
FEET	≥10	۵≤	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥1;	≥1.	≥1	≥ ∵	≥.	≥ .	≥ 5 16	≱.	≥0
NO CEILING ≥ 20000	• ° o <b>3 •</b> €	52.1 56.4	5.5.1 66.	# 2 • 1 66 • 5	1 ≈6.•5	4 • 1 50 • 5	ا د د د د د د د	12.1 66.3	5 ° • 1 6 € •	5 l	.7.1 66.5	52.1 66.5	42.1 66.5	2.1 66.	7.1 65.5	12.1 55.1
≥ 18000 ≥ 16000	6 <b>a</b> . 3	50.5 68.1	65.0 63.0	66.9	6: • ?	65.9 03.2	66.5 58.3	66.9 6d.2	ან.9 გმ.ე	46.	06.7 08.7	65.9 65.4	56.9 08.3	56.9 58.4	₽6.¢	56.9 50.3
≥ 14000 ≥ 12000	57.4 25.5	71	71.4	74	7 . 4	70.4				7 .4	7: 4	70.4		76.4	7 . 4	72.4
≥ 10000 ≥ 9000	72.5	73.9	74.	74.2 76.5	74.2 70.6	74.2 75.0	74.2	74.2	74.5	74.2	74.2	74.2	74.2 76.5	74.2	74.2	74.2
≥ 8000 ≥ 2000	74.0 16.3	78.5		79.0 36.7	77.0 65.7	79.0	79.5 80.7	79.0	79. 30.7	79.1	79.	74.	75.0	79.0 50.7	79.5	7
≥ 6000 ≥ 5000	77.4	21.3	82.7 83.9	62.7	82.3	82•7	82.7		32.7	82.7		83.c		F2.7	62.7	8.7
≥ 4500 ≥ 4000	79.3	96.9	87.4	85.7	85.7	85.7	55.7 87.4	25.7	35.7	25.7	€5.7	55.7 87.4	a5.7	÷5.7	05.7	65.7
≥ 3500 ≥ 3000	-11.	99.1 91.5	89 92.	9.00	90.0	92.3	92.0	20.0	90.1 97.3	91.07	90.n	9	9C 92.3	9 <b>0.</b> 0	90.0	١٠٠٤
≥ 2500 ≥ 2000	6.4	93.3	93.7	94.1	24.2		94.2	24.2		94.2	54.2	94.2	94.2	94.2	94.0	74.2
≥ 1800 ≥ 1500	27.	95.3		97.3	97.4	77.4	97.4	97.4	57.4		97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200 ≥ 1000	-8.4 -3.4	eg. ⊽∃•	9 - 7	59.1	99.2	97.2	99.2	99.2	30.	99.2	99.2	99.2	99.2		99.2	99.2
≥ 900 ≥ 800	03.4	70.1 73.2	94.9	99.2	99.3	99.3	99.3	69.3	99.7	99.3	99.3	99.3	99.3 99.4	99.3	99.3	99.3
≥ 700 ≥ 600	6 8 4 6 5 4	#3.3 #8.3	97.1	99.4		99.6	99.6	69.6	99.€	99.6	99.6	99.6	99.5	99.5	99.6	99.0
≥ 500 ≥ 400	0 d • 4	98.3	97.1	99.4	99.5	¢\$.6	99.6	99.6	90.5	99.6	99.6	99.6	99.6	97.5	99.6	79 L
≥ 300 ≥ 200	€8.4	73.3	99.1	99.9	99.6	79.8	39.3	99.8	99.0	99.8	99.8	99.3	97.8	99.8	39.9	
≥ 100 ≥ 0	38.4 18.4	78.3 03.3	99.1		99.6	35.3	99.9		100.0	100.5	160.0	100.0	1.3.0		140.0	176.6

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 54

USAF ETAC 101.04 0-14-5 (OL A' MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LEU AL CLIMATOLOUY - FA CH LEGITLTAN LA ATHIA SERVICHMAI

## CEILING VERSUS VISIBILITY

MENNETY PACE CENTER FL

a + - 70 , 73 - a

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15.0-17.6 HOURS (51

CEILING						_	VIS	BILITY IST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 7	≥ 2	≥11.9	≥1'2	≥1	≥ 1/4	≥ %	≥ ">	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	49.4	53.4	51.5	51.5 50.3	11.5 65.3	1.5	31.5 63.3	:1.5 €3.3	51.9	ິ1•∋ 68•3	51.5	51.5 65.3	51.5 68.3	51.5 68.3	51.5 63.3	31.3 66.3
≥ 18000 ≥ 16000	.5.	08.4 71.1	63.9 7`.3	6 .6		63.6 7Z	68.6 75.2	63.6 72	, ,	68.6 73.4	68.5 75.3	68.6	56.6 76.2	ნნ•ნ 73•2	0°.6	6006 7306
≥ 14000 ≥ 12000	(6.1	71.0 74.3	71.7 74.5	71.7	71.7	71.7	71.7	71.7 74.5	71.7	71.7	71.7 74.5	71.7	71.7	71.7	71.7 74.5	71.7
≥ 10000 ≥ 9000	74.5	70.4	70.5 30.5	76.5	1 1 1	73.5 50.7	7º.5			78.5 36.7	78.5 80.7	75.5	74.5 8 . 7	78.5 80.7	73.5 ac.7	75.5 31.7
≥ 8000 ≥ 7000	7°•3	23.5 24.3	84.	34.2 94.9	94.2 94.9	34.2 84.9		34.2 34.9		84.2 84.9	54.2 54.9		54.2 34.9	110 4 4 8 8	84.7 94.7	54.6 64.5
≥ 6000 ≥ 5000	72.5 -1.1	91.6 27.3	86 • 2 87 • 6	87.9	96.3 87.9	36•3 87•9	,	26.3 88.1	36.3 88.1	96.3 68.1	86.3 38.1	36.3 38.1	36.3 88.1	26.3 28.1	26.3 28.1	ರೆಬಿ⊕ತಿ ಕಿಳಿ⊕ತ
≥ 4500 ≥ 4000	72.03 c3.03	87. 93	85.0 9	89.8 51.	\$9.8 91.7	89.8 91.0	90.0 91.1	90.5 91.1	90.1 91.1	91.1	93.00 91.1	92.5	90.0 91.1	95.0 31.1	70.0 91.1	÷1.1
≥ 3500 ≥ 3000	-4.3 -6.1	91.7 93.7	97.3	94.6		92.6 94.7		92.7 94.8	92.7 94.3	94.3	92.7 94.E	92.7 94.8	92 <b>.7</b> 94 <b>.</b> 8	92.7 94.8	92.7	72.7 74.8
≥ 2500 ≥ 2000	96 • 3 • 7 • 3	94.4 95.9	95.1 95.5	95.3 96.7	95.4 96.8	75.4 96.8		96.9	95.5 96.5	95.5 96.9	95.5 96.9	95.5 96.9	95.5 96.9	95.5 96.9	95.5	95.5
≥ 1800 ≥ 1500	58.4 43.8	97.0	97.6 98.2	97.9 9€.5	94.0 98.6	98•6 98•6	98.2 98.3	98.8		98.2 98.8	98.7 98.8	98.2 99.8	99.2 98.8	98.2 98.5	98.2 98.8	90.2 50.2
≥ 1200 ≥ 1000	ამ•3 გგ•3	97.5	93.3	76.5 79.6		98•6 98•7		98.8		98.9 98.9	98.8		98.8 98.9			98.6 96.9
≥ 900 ≥ 800	S • 8 • 8 • 3	97.9	94.7	93.7 93.9	99.8 99.1	98.3 79.1	99.3	99.1	99.1	99.1	99.1	99.1		99.1 99.4	99.4	59.1 59.4
≥ 700 ≥ 600	39.8	97.9 97.9		98.9	99.1	99.1		99.3	99.3	99.4	99.4		99.4	99.4 99.5		99.4
≥ 500 ≥ 400	68.8 38.8	97.9	98.7	98.9 92.9	99.2	99.2	99.5		99.5	99.9	99.0		99.6 1:0.5	99.5	130.0	99.6 100.5
≥ 300 ≥ 200	28 • 3 28 • 3	97.9	98.7	98.9	99.2	59.2	99.5	99.8	99.5	99.9	99.9	99.9	ITE . C	100.0 100.1	160.0	1
≥ 100	33.3 .3.3	97.9	99.7	78.9 78.9		99.2	99.5	C9.8		99.9	1	99.9		100.0 100.1	103.0	1 (

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_ 345

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TO AL CLEMATOLICY PRANCH TO ASSTAC A SAME TO SERVICEZMAC

## CEILING VERSUS VISIBILITY

1 NACOY LPACE CENTER FL

69-10,73-8\_

13.3-2300 HOURS 15.4

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 1	≥ ?	د' ا ≤	≥1 a	≥1	≥ ¼	≥ '⁄∎	≥ ,	≥5 16	2.	≥0
NO CEILING ≥ 20000	51. • 4 33 • 3	53.4	57.5 66.3	5.2.5 00.5	53.5 66.5	: 2 • 5 56 • 5	2 • 5 5 • 6 ب	52.5 66.5	57.5 66.5	52.5 66.5	52.1 66.5	32.5 65.5		52.5 56.5	- 2.5 66.5	1
≥ 18000 ≥ 16000	53.7 64.5	56.3 67.1	66.5	66.8 67.0	65.8 67.6	56 • 8 57 • 6	. 1	66.3 57.6	აგ∙: 67•1	67.0	67.5	66.8 67.5		56.3 67.6	56.0 67.6	66. <sup>2</sup>
≥ 14000 ≥ 12000	67.7	53.9 76.€		69.4 71.3	69.4	69.4 71.3	1	69.4 71.3	59.4 71.3	69.4 71.3	69.4	71.3	69.4	69.4 71.3	59.4 71.3	59.4 71.5
≥ 10000 ≥ 9000	70.6 73.0	74.1 77.2	74.3 77.4	74.6 77.8	74.6 77.8		74.6 77.8	74.6 77.8	74.0 77.0	74.5 77.8	74.6 77.5	74.0	-	74.6 77.6	74.6	74.6 17.3
≥ 8000 ≥ 7000	74.7 74.7	7 ± • 7 7 9 • 3	79.0 79.6	79•3 79•9	79.3 79.9			79.3 79.9	79.3 79.9	79.3 79.9	79.3 79.3	79.3. 73.9		79.3 79.9	79.3 79.9	79.5
≥ 6000 ≥ 5000	75.5 76.7	50.5 82.2	8 . 7	31.1 32.9	81.3 82.1	°1•3	:1•4 33•2	91.4	81.4 83.3	21.4 35.2	61.4 83.2	31.4 93.2	51.4 63.2	81.4 83.2	91.4 63.3	73.4
≥ 4500 ≥ 4000	78.7	95.1 96.8	85.3 87.1	35 • 7 37 • 6	85.1 37.9	95.1 87.5		P6.4	35.4 29.3	₽6.4 28.3	86.4 38.3	95.4 95.3	55.4°	86.4 68.2	86.4 ⊀3.3	83.4 26.2
≥ 3500 ≥ 3000	? • 4 - 5 • 1	99.8 92.3	97 • 3 92 • 7	90.8 93.3	91.1 93.7	91.1 93.7	91.5 94.1	71.5 94.1	91.5 94.1	71.5 54.1	91.5	91.5 94.1		91.5 94.1	31.5 94.1	94.1
≥ 2500 ≥ 2000	€7 (0) 61 (0) 7 (1)	92.9	93.7	93.9 95.3	94.4 96.0	34.4 ≎6.€	1	94.8 96.3	94.0 96.3	94.c 25.3	94.9 96.3	94.8 96.3		94.5	94 • 8 96 • 3	1 - 1
≥ 1800 ≥ 1500	· ? • 1	94.6	95.0	95•6 95• <b>7</b>	56.3 56.5	96.3 96.5		96.7 96.3	96.7 96.2	96.7 16.3	96.7 96.1	96.8		56.7 96.€	96.7	1 - 1
≥ 1000 ≥ 1000	27.6 57.6	95.3 95.3	95.7 95.7	76.3 96.3	97.0 97.0	97.0			97.4	97.4 97.4	97.4 97.4	97.4		97.4 97.4		
≥ 900 ≥ 800	37.5 37.7	95.5		96.6 97.2	97.3 98.	98.0	98.3	93.3	97.6 98.3	97.0 96.3	97.6 98.3		98.3			97.6
≥ 700 ≥ 600	67.7	96.1	96.	97.2 97.4	98.8 98.2	98.2 98.2	98.6	98.3	98.3 98.6		98.3 98.6		98.6	98.3 48.5	98.5 98.6	93.3 93.6
≥ 500 ≥ 400	67.7 17.7	96.3	96.3 96.3	97.9 98.0	93.9		99.3	99.1 99.3	99.1	99.1			59.3	99.1 99.3		29.1 99.1
≥ 300 ≥ 200	€7.8 €7.3	95.5 95.5		79.1 95.1	99.1 99.1		90.5	99.5	99.5		99.9 1. C.F	100.1				99.9
≥ 100 ≥ 0	97.3 37.9	96.5 96.5		98.1 98.1	99.1 99.1		99.5 99.5	99.5 99.5	99.5 99.5		100.6 150.0					1

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC TULGA 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE CASCLETE

## CEILING VERSUS VISIBILITY

NOTIFIED STATES THE ST

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY IST	ATUTE MIL	ES-						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 ?	≥ 2	≥179	≥1%	≥1	≥ 1,4	≥ %	≥ 5	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	င်းခွဲ့ ရ ပည်•့်	59.8 62.3	6°•	€ ¥ • \$	ნ • 8 ღ9•6	3 و لار ( 9 و ع	60.8 69.6	63.9 69.7	66.6 69.7	65.9 69.7	60.7 60.7	62.7 69.7	61.1 15.5	41.1 70.0	01.1 70.0	f 1 • 1 7 _ • _
≥ 18000 ≥ 16000	έ <b>ό.</b> 2 υ <b>ό</b> . 3	હેશ•3 6હ• <b>4</b>	59. 69.1	69.3 69.4	<i>ຣິ.6</i> ວິ.7	69.7	69.7	69.7 69.9	69.7	69.7 69.9	69.7	69.7 69.9	70.3 70.1	70.5 73.1	70.0 70.1	70.1
≥ 14000 ≥ 12000	67.1	65.1 70.0	60.0 70.7	7 9	7 • 4 71• 7	71.3	70.4	70.6 71.4	71.4	70	70.6 71.4	78.5 71.4	77.68	70.3 71.0	70.8 71.3	7.08 71.6
≥ 10000 ≥ 9000	70.7 73.9	73.5 77.9	73.5	74.6 78.8	74.9	74.9 79.2	74.9	75 • 1 79 • 3	75.1 79.3	75.1 79.3	75 • 1 79 • 3	75.1 79.3	75.3 79.6	75 • 3 79 • 5	75.3 79.6	75.3 79.0
≥ 8000 ≥ 7000	75.4 75.8	79.3 90.3	35.5 31.5	30.7 31.2	81.1 51.6	1.6	31.1 31.6	#1.2 *1.7	81.2 81.7	51.2 91.7	81.7	91.7	81.4 81.9	51.4	61.4 61.0	-1.4 -1.7
≥ 6000 ≥ 5000	76.6	91.6 33.3	32.4 34.2	42.5 84.4	57.1 54.9		33.2 35.1	23.3 25.2	83.7 85.2	83.3 85.2	63.3 65.7	95.2	83.6 85.5	83.6 85.5	63.6 65.5	23.6 25.5
≥ 4500 ≥ 4000	60.3	36.3 38.3	67.1 85.4	37.4	27.8 9.1	9 1	38.1 90.3	38.2 90.4	97.2 97.4	90.4	58.2 90.4	53.2 90.4	88.4 90.7	88.4 90.7	95.7	06.4 CL.7
≥ 3500 ≥ 3000	5.7	91.7	92.7	99.9	93.4	93.4 95.2	93.6 95.4	95.5	93.7	93.7 95.5	93.7	93.7 95.5	94.0 95.7	94.1 55.7	94.0 95.7	,4,0 ,5,7
≥ 2500 ≥ 2000	.5.1	93.4 93.9	95.3	74.7 75.4	95.3 96.1	95.3 36.1	95.6 96.5	95 <b>.7</b> 96.6	95.7	95.7 26.6	95.7 96.6	95.7 96.6	96.0 96.8	96.0 96.8	96.0 96.8	96.8
≥ 1800 ≥ 1500	.5.	94.0 94.2	95 • 3 95 • 5	95.5	96.2	96.2 96.7	96.6 97.0	96.7	96.7 97.2	96.7 97.2	96.7 97.3	96.7	96.9 97.4	96.9	96.9 97.4	97.4
≥ 1200 ≥ 1000	5.	94.9	96.7	76.5 76.5	97.5	77.5	97.9 97.9	98.0	98.0 98.0	98.0 98.0	98.0 98.0	98.1 98.3	98.2 98.2	98.2 98.2	93.2	98.2 98.2
≥ 900 ≥ 800	26.4	95.3	96.5	96.7	$\overline{}$	97.9	98 • 1 98 • 2	98.2 98.3	98.3	98•2 98•3	98.2	98.2 98.3		98.5	98.5	95.5
≥ 700 ≥ 600	16.3	95.4	96.7 96.d	97.3	98.2 93.3	78.2	98.6 99.7	98.7 98.8		98.7 98.8	98.7 98.8	98.7 98.8		98.9 99.1	99.1	98.9
≥ 500 ≥ 400	6.9	95.6	96.9	97.5		98.6	98.3	99.1	99.5 99.1	98.9	98.9	98.9	99.2	99.2	99.3	99.3
≥ 300 ≥ 200	6.9	96.1	97.4	97.9	-	99.1	99.6	99.8 79.3	99.8 99.6	99.8	99.8		11.0.0	188.9	100.0	101.0
≥ 100 ≥ 0	:6.9 :6.7	96.1	97.4 97.4	97.9 97.9	99.1 99.1		99.6 99.6	99.8 99.8	99.8 99.9	99.8 99.8	99.9 99.8	99.8		170.0 170.0		151.6 1.6.1

TOTAL MILMAR	D OF ORSERVATIONS	5.4

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PEUTRE CERMATOLICY FRATCH CTL LTAC T. CATHIT SERVICIZMAC

## CEILING VERSUS VISIBILITY

1 3. MINNERY JPACE CENTER FL 69-70, 13-3

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY :ST	ATUTE MIL	ē S					·	
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥2 ;	≥ 2	≥17	≥1.	≥1	≥ ¼	4, ≷	≥ ;	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	ί2•7 ε <b>ι•1</b>	64.2 04.5	54.4 65.1	34.7 63.3	54.0 65.5	34.9 65.5	65.6	55.1 65.5	55.1 65.6	55.1 65.7	55.1 65.7	55.1 65.7	52.3 65.9	65.7	ან.6 66.2	55.5 55.4
≥ 18000 ≥ 16000	63.3 5°.9	64.7 65.5	65.3 66.3	55.5 56.3	65.7 63.5	63.7 £0.5	55.8 66.5	65.9 66.6	55.4 66.0	65.9 56.7	65.9	65.9	65.2 65.9	66.2	66.5 67.2	66.7
≥ 14000 ≥ 12000	52.3 63.5	67.0 68.6	67.5	67.8	63.7	63.0 69.7	58.1 69.8	69.8	63.7	60.2 67.9	69.0	62.2 69.9	64.5 73.1	68.5 70.1	68.9 75.4	65. 76.6
≥ 10000	68.4	71.9 74.5	72.6	72.8 75.5	73.1 75.8	73.1	75.8	73.2 75.9	73.7	72.3 76.	73.3 76.0	73.3 76.0	73.5 76.3	73.5 76.3	73.8 76.6	74.0 76.8
≥ 8000 ≥ 7000	70.0 /1.1	70.6	77.3	77.6	77.9 79.1	77.5	77.9 19.2	76.3	79.3	76.1 79.3	79.1 79.3	79.1	79.6	78.3 79.6	78.6 79.9	
≥ 6000 ≥ 5000	72.1	79.4 55.5	80.2	35.5 31.9	32.2	30.8 -2.2	87.9 52.3	81.0 82.4	31.0 82.4	21.0 82.5	81.	82.5	61.3 52.6	32.3	81.6	83.2
≥ 4500 ≥ 4000	74 • 3 16 • 3	94.9	85.8	86.2	30.5	34.6	36.6	36.7	34 . H	54.9 95.3	86.5	86.3	85.2 67.5	85.2 87.0	87.3	95.7 97.5
≥ 3500 ≥ 3000	78.2 79.6	67.3 89.2	90.1	₹8.6 ₹1.5	23.9 91.0	38.9 71.0 91.6	39.1 91.1	99.2 91.2	89.2 91.2 92.1	85.3 91.3	89.3 91.3	91.3	87.5 91.6 92.4	69.5 91.6	55.8 91.9	9: • 9: • 9: • 9: •
≥ 2500 ≥ 2000	5 1 52.9 61.2	9:.9	91.9 91.9	91.5 92.4 93.0	93.0	91.0 93.6	93.8	93.2	93.2	92.1 93.3	92.1 93.3	92.1 93.3	92.4 92.6	92.4 93.6	92.7 93.9 94.6	94.1
≥ 1800 ≥ 1500 ≥ 1200	01.7	92.2	93.3	93.8 94.8	94.4	94.5	1	93.9 94.3	94.4	94.5	94.9	94.9	95.2 96.1	95.2	95.4	55.7 26.€
≥ 1000	82 3 42 9	93.5	94.5	95.4	95.8	95.8	96.1 96.3	96.2	96.2	96.2	96.2	96.2	96.5 96.8	96.5	96.P	97.1
≥ 900 ≥ 800 ≥ 700	£ 2 • 4	93.9	95.4	95.8	96.5	96.8	96.8	96.9	96.9	97.3	97.0	97.G	97.5	97.5	97.6	95.1
≥ 600	62.5 32.5	94.4	95.0	96.4	97.1	97.3	97.4	97.5	97.5	97.6 97.8	97.6	97.6	97.9	97.9	98.2	98.7
≥ 500 ≥ 400 ≥ 300	52 • 5 52 • 6	74.6	95.1	96.7	97.5 97.7	97.5	37.9	98.4	98 · i	98.2	98.2	98.2	98.5 99.0	98.5	98.9	59.i
≥ 200	62.6	94.8	96.3	97.5	97.8	97.8	.8.3	98.5	98.5	98.8	98.8	90.8	99.2	99.2	99.6	99.9 100.0
≥ 100 ≥ 0	52.3	94.8	96.3	97.4	97.8	1		98.5	48.5	98.8	98 6	93.8		99.2		1 6.0

TOTAL NUMBER OF OBSERVATIONS.\_\_\_

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

THE SERVICE STREET AND CHILD THE SERVICE STREET AND SERVICE STREET AND SERVICE STREET AND SERVICES AND SERVIC

## CEILING VERSUS VISIBILITY

PUNNELY PACE CENTER FL

6 - 7 - 7 5 - 3 -

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS 157

CEILING							VIS	BILITY ISTA	ATUTE MIL	ES.						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2 7	≥ 2	≥1′9	≥1′4	≥1	≥ ½	≥ 2/6	≥ 7	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	63.7	63.3 73.2	64	64.5 73.9	[	74.2	3 • °	64.9	64.9 74.2	€5.0 74.4	55.€ 74.4	65.0 74.4	05.0 74.4	65. 74.4	€5.2 74.6	74.7
≥ 18000 ≥ 16000	70.2	73.0 73.7	74.1	74.4 74.5	74.7	74.7 74.5	74.7	74.7 74.8	74.7	74.3		74.3 74.9	74.8	74.5	75.° 75.1	75.1 75.2
≥ 14000 ≥ 12000	71.3	74.7 76.3	75.3	75 · 6	75.4	75.4	76.0 77.4	76 • 3 77 • 4	76. 77.4	76 • 1 77 • 5	76.1 77.5	76 • 1 77 • 5	76.1 77.5	76 • 1 77 • -	76.3 77.7	70.4
≥ 10000 ≥ 9000	74 • 4 75 • 3	79.4 55.8	7°.:	30.2 81.5		37.65 81.9	87.5 31.9	83.5 81.9	80.5 81.0	8(.6 82.L	გՐ•6 მ2•0	80.6 82.0	83.6 23.5	90.6 92.0	80.8 82.2	£3.9
≥ 8000 ≥ 7000	77.5	32.9 33.0	83.4 64.3	33.d 34.6		84.2 84.9	34.2 84.9	84.2 84.9	84.2 84.9	64.3 85.7	84.3 65.0	84.3 95.0	54.3 55.1	64.3 85.	34.5 85.2	54.6 55.3
≥ 6000 ≥ 5000	78.8 :1.1	84.7 46.0	85.7 86.5	35 <b>.7</b>	86.0 87.3	9 v • C 3 7 • 3	85.0 57.3	96.0 87.3	86.7 27.3	80.1 87.4	86.1 87.4	30.1 87.4	86.1 87.4	86.1 27.4	86.3 37.6	20.4 27.7
≥ 4500 ≥ 4000	#1.7 63.	33.4 33.9	9 . 7	39.4 91.1	. 1	39.9 91.5		89.9 91.5	89.5 91.5	90.0 91.6	90.1 91.6	90.5	90.0 91.6	90.0 91.6	91.8	
≥ 3500 ≥ 3000	04.7 (5.0	91.6 93.2	92.5	94.5		93.2 94.9	93.2 94.9	93.2 94.9	93.3		93.3	93.3 95.0	93.3 95.0	93.3 95.0	93.5 95.3	93.5 95.4
≥ 2500 ≥ 2000	27.0	95.7	95.7	95.6	97.5	76.3	96.0 97.5	96.5	96 • · · · · · · · · · · · · · · · · · ·						96.3	
≥ 1800 ≥ 1500	38 · 1	96.9 96.9	97.1	9:.3	32.7	98.0 98.7	98.7	98.7 98.7	98.7 98.7		98.8	95.1 99.8	95.8	98.€	99.5	59.1
≥ 1200 ≥ 1000	:8•: :5•:	97.2	99.5	78.7	<del></del>	99.1	99.1	99.1	99.1 72.1	99.2 99.2	99.2	99.2	39.2	99.2	59.5	99.6
≥ 900 ≥ 800	38.1 38.1	97.3	98.6		99.5	99.4	99.5	99.5	99.4	99.6	99.6	99.5	99.6	99.5 99.6	99.7	59.5
≥ 700 ≥ 600	∪8•3 -9•1	77.5 57.3	99.7	79.1	99.6	99.6	99.6	99.6	99.6		99.7	99.7	90.7	99.7	99.9	
≥ 500 ≥ 400	· 8 • .	77.3 77.5	93.7	99.1	99.6	99.6	99.6	99.6	99.6 99.6	99.7	99.7	99.7	99.7	99.7 99.7	99.9	10L.C
≥ 300 ≥ 200	-8.3	97.3	96.7	59.1 57.1	99.6	99.6	99.6	,	99.6 99.6	99.7 99.7	, ,	99.7 99.7	99.7	99.7 99.7		
≥ 000	.8.	97.3 97.3	98.7	79.1	99.6	99.0	99.6 99.6	99.6	99.5	99.7	99.7	99.7		99.7	59.0	F

AL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_\_92

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLE

-

CEL AE LEIMATOECGY SHANCH AT VEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

NONNEDY SPACE CENTER FL

69-70,73-61

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	181LITY /5T	ATUTE MILL	S.						
FEET (	≥10	≥6	≥5	≥ 4	≥ 3	≥27	≥ 2	217	21%	≥1	≥ 1,4	≥ %	≥ '7	≥5 16	2.	≥0
NO CEILING ≥ 20000	56 • 1 04 • 2	52.1	62.9 72.5	37.2 72.9	64.0 75.7	64.C 73.7	64.3	54.9 74.6	64.4 74.6	66.5 75.7	66.0 75.7	66 • C 75 • 7	65.3 76.1	66.3 76.1	66.5 76.2	60 • ! 70 • 2
≥ 18000 ≥ 16000	04.5 05.2	72.5	72.9	73.4 73.9	74.1 74.6	74.1 74.6	75.0 75.5	75.1 75.6	75.1 75.6	75.2 76.7	76.2 76.7	76 • 2 76 • 7	76.5 77.0	76.5 7 <b>7.</b> 0	76.6 77.1	75.6 77.1
≥ 14000 ≥ 12000	65.6 67.3	73.5	74.3	74.4 76.7	75.2 77.5	75.2 77.5	76 • 1 78 • 3	76.2 78.4	76.2 75.4	77.2 79.5	77.	77.2 79.5	77.6	77.5 79.8	77.7	
≥ 10000	69.1 70.2	77.5	75.4 79.8	75.9 90.3	75.6 31.0	79.5	81.9	96.6 82.0	30.5	81.7 97.1	81.7	81.7 82.1	82.0	83.4	83.5	62.1 93.5
≥ 8000 ≥ 7000	71.4	79.9 8C.3	81.0	31.4 62.5	32.2 63.3	33.3	33.1	93.2	34.3	35.3	24.3	85.3	84.6	54.E	84.7	55.8
≥ 6000 ≥ 5000	71.6	81.1 82.4			83.6	33.6 84.9	34.5 85.9	84.6	৪5 - ৭	85.7 85.9	86.9		87.3	86 67.3		57.4
≥ 4500 ≥ 4000	73.9	83.9 25.4	85.2 86.7	35.7 97.2 89.4	86.4	36.4 97.9	97.3 98.5 95.8	27.4 28.9	57.4 88.9 90.9	88.5 90.3	90.0 90.0	88.5 90.0	38.8 97.3	\$8.8 \$5.3 92.3	38.9 50.4	93.4
≥ 3500 ≥ 3000 ≥ 2500	70.7	87.5 83.8 29.8	91.1	91.5	9	91.3	1	93.2	1	93.3	93.3	93.3				93.7
≥ 2000 ≥ 1800	79.4	91.4	92.3		1	93.5		94.5 94.8	94.5	95.6 95.9		95.6			96.5	96.5
≥ 1500	= 0.4	97.1	93.4	93.9	94.6		1	95.6		36.7 96.8		96.7		97.1	97.1	97.1
≥ 1000	F 7	92.8	94.1	94.5	95.7	95.3		96.7	96.7	97.3	97.3	97.3		97.6	97.7	97.7
≥ 800 ≥ 700	26.8	93.4	94.9		96.2	96.2	97.1	97.2	97.2	98.3	98.3	98.3				78.7
≥ 600 ≥ 500	30.9	93.5	95.0	95.5	96.4	70.4	97.3	(	97.4	98.5				98.3	98.9	96.5
≥ 400	1.0	94.2		96.1	97.3	97.3	1	98.3	98.3	9.4	99.4		99.7	99.7	99.8	
≥ 100	31.	74.2	95.7	96.1	97.4	97.4		98.4	98.4	99.5			99.8		1 ( 2 . C 1 ( C . C	
2 0	+1.	34.2				97.4		98.4	,	99.5	1				100.0	

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EST AL CLIMATQLOSY CHANCH TUTHO TO SEATH OF SERVICE/MAG

## CEILING VERSUS VISIBILITY

STATION NUMBERY STACE CENTER FL

69-70,73-8

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6 5 - 1855 HOURS 151

CEILING							VIS	BILITY (ST	ATUTE MIL	ES						}
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥2 ½	≥ 2	≥1/7	214	≥1	≥ 1/4	≥ >⁄a	≥ %	≥ 5 16	≥ .	≥ 0
NO CEILING ≥ 20000	27.7	45.6 61.4	44.5 62.3	47.9 63.9	4:.5 54.5	4:•5 64•5	49.5 45.6	49.8 65.9	40.6 65.9	50.9 67.0	50.5 67.5	5L.9	51.8 6°.0	51.3	52.2 58.4	5.2.4 6.3.6
≥ 18000 ≥ 16000	21.1 21.7	51.9 62.6	61.4	64.4	65.7	65.7	66.1 66.8	66.5 67.1	66.5	67.5 63.2	67 • E	67.5	67.5	68.5	68.9	67.1
≥ 14000 ≥ 12000	53.1 54.3	54 • 1 05 • 1	64.3	65.6 65.7	67.3	67.3 67.5	08.4 77.6	68.7 70.9	69.7	69.8	69.3	69.8		70.6	71.2	71.4
≥ 10000 ≥ 9000	56.3 57.3	53.1 70.8	69.7	75.7 72.9	71.4	71.4		72.8 75.1	72.F 75.1	73.9	73.0	75.9	74.9	74.0	75.3	75.5
≥ 8000 ≥ 7000	55.9 59.5	71.3	72.9	74.5	75.3 75.9	75.3 75.9	76.4 77.0	76.7 77.3	76.7	77.9	77.9	77.9 78.5	78.9	73.9	79.3 79.9	75.5
≥ 6000 ≥ 5000	60.4 61.7	73.8 75.3	75. 76.5	76.0 78.1	77.3	77.3	78.4 79.9	78.9 80.4	78.9	90.0 91.6	00.0 81.6	81.6		81. : 82.5	83.5	P1.7
≥ 4500 ≥ 4000	63.8	76.5 76.4	77.7	79.3 31.2	87.0 82.0	au.c 32.0	33.1	31.5 33.5	33.5	84.7	82.7 84.7	82.7	33.7 85.7	33.7 85.7	94.1	=4.4
≥ 3500 ≥ 3000	35.3 c6.6	82.a	81.9 84.	83.5 35.7	84.3	84.3 36.5		85.8 88.0	85.8 38.7	86.9 89.2	86.9 89.2	36.9 89.2	87.9 90.2	87.9 90.2	88.5 90.7	23.7
≥ 2500 ≥ 2000	67.5	83.6	34.4 86.1	36.5	87.4 83.5	37.4 83.5	68.5	38.9	88.9 93.5	9[ •1 91•2	95.1 91.2	90.1	91.0 92.1	91.3 92.1	91.6 92.7	91.8
≥ 1800 ≥ 1500	67.6	84.8 85.4	86 • 1 86 • 7	37.7	53.7 89.3	88.7	89.8 90.4	90.2 90.8	90.2 90.8	91.4 92.0	91.4	91.4 92.	92.3	92.3	92.9	92.1
≥ 1200 ≥ 1000	63.4	€5•1 36•4	37.4 87.7	89.1 89.5	90 <b>.1</b> 90 <b>.5</b>	50.1 90.5	51.2 51.6	91.6 92.0	91.6	92.8 93.2	92.8 93.2	92.a 93.2	93.7	93.7	94.7	94.5
≥ 900 ≥ 800	63.3	96.5 86.9	87.9 83.3	89.9 90.3	9 .9	91.9		92.4 93.1	92.4	94.3	93.6 94.3	93.6	94.6 95.3	94.5	95.1 95.2	95.4
≥ 700 ≥ 600	68 • 4 08 • 4	67.5 37.9	89.4	91.3 91.7	92.6 93.0	92.6 93.0	93.6 94.1	94.5	94.1	95.3 95.7	95.3 95.7	95.3	96.2 96.8	96.2 96.8	96.8	97.5
≥ 500 ≥ 400	66.8 58.8	88.1 88.5	89.6 90.2	91.9 92.4	93.2 94.0	93.2 94.0	94.4 95.1	94.8	94.R 95.7	96 • E 96 • 9	96.5	96.5 96.9	97.1 98.1	97.1 98.1	97.6 98.6	97.8
≥ 300 ≥ 200	o8•4	38.5 86.5	90.2 90.0	92.4 92.4	94.C	94.1	95.3 95.3	95.8 95.8	95.8 95.∂	97.1 97.1	97.1 97.1	97.1 97.1	98.4 58.4	98.4 98.4	98.9 98.9	99.1
≥ 100 ≥ 0	68.8 68.6	38.5 88.5	91.2	92.4 92.4	94.0	94.1 74.1	95.3 95.3	95.8 95.8	95.8 95.8	97.1 97.1	97.1 97.1	97.1 97.1	98.4 98.5	98.4 98.5	99.7 99.1	99.6

TOTAL NUMBER OF OBSERVATIONS

327

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LE. AL CLEMATOLOGY GRANCH C. MESTAG A. G. GEATE TH. SERVICE/MAG

## CEILING VERSUS VISIBILITY

1 6 KENNEDY JPACE CENTER FL

69-70,73-ac

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1.917-117\_ HOURS 151

CEILING							VIS	BILITY IST	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 7	≥2	≥ 1 %	≥1%	≥1	≥ ⅓	≥ "•	≥ '?	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	48.9 53.9	52.8 69.8	52.0 69.9	52.8 7.1	52.8 7∴.2	52.3 70.2	52.8 70.2	52.3 70.2	52.c 70.2	52.8 70.2	57.8 78.2	52.8 76.2	52.a 70.2	52.4 70.2	52.9 76.2	52.8 73.2
≥ 18000 ≥ 16000	4 4 4 6	70.3 71.2	70.4 71.3	71.6 71.5	7 · 8 71 • 6	71.ć	71.6	75.8 71.6	70 • 1 71 • 6	76.8 71.0	76.8 71.5	70.8 71.6	75.8 71.6	70.3 71.6	70.8 71.6	71.6 71.6
≥ 14000 ≥ 12000	56.8 68.2	73.3 74.9	73.1 75.1	73 • 3 75 • 3	73.4 75.4	73.4 75.4	73.4 75.4	73.4 75.4	73.4	73.4 75.4	73.4 75.4	73.4 75.4	73.4 75.4	73.4 75.4	13.4 75.4	73.4 75.4
≥ 10000 ≥ 9000	69.6 70.7	76.8 73.5	77.0	77.2 75.9	77.3 79.0	77.3 79.3	77.3 79.1	77.3	77.3	77.3	77.3 79.	77.3 79	77.3 79.0	7 <b>7.</b> 3	77.3 79.0	77.2
≥ 8000 ≥ 7000	72.8 73.5	80.8 31.5	31.: 81.7	21.2 91.9	81.3 32.0	81.3 32.0	32.2	81.4 82.2	81.4	81.4 82.2	81.4 82.2	81.4 82.2	32.2	81.4 62.2	31.4 82.2	32.2
≥ 6000 ≥ 5000	74.8 75.3	82.8	83.1 84.5	24.8	83.3	84.9	33.5 85.2	83.5 95.2	63.5 85.2	83.5	83.5	83.5 85.2	33.5 85.2	63.5 85.2	33.5 35.2	83.5 85.2
≥ 4500 ≥ 4000	7 <b>7.3</b>	85.2 88.9	86.6 89.3	36.8 39.5	90.6	35.9 39.5		97.1 89.8	87.1 89.3	37 • 1 85 • 6	87.1 89.8	97.1 89.8	87.1 39.8	97.1 39.€	37.1 89.5	97.1 89.8
≥ 3500 ≥ 3000	21.5	95.9	91•? 92•3	91.4 92.5	91.5 92.6	91.5 92.6		91.7		91.7 92.8	91.7 92.3	91.7 92.8	92.8	91.7 92.3	91.7 92.8	
≥ 2500 ≥ 2000	81.8 83.0	92.3	92.6 94.1	92.8 94.4	92.9 94.5	94.5	93.1 94.7	94.7	93.1 94.7	93.1 94.7	93.1	93.1	93.1 94.8	94.8	93.1	94.8
≥ 1800 ≥ 1500	53.2 63.4	94.1 94.6	94.5	94 • 8 95 • 6	94.9	95.7		95.2 95.9	95.2	95.2 95.9	95.9	95.2 95.9	95.3 96.0	95.3 96.0	95.3	95.3 95.0
≥ 1200 ≥ 1000	83.3 54.1	96.1	96.1 96.9	96.7	96.8	96.8	97.0	97.C 97.8		97.5	97.0 98.0	97.0 98.0	98.1	97.1	97.1	98.1
≥ 800	54.1 54.1	96.2	97.1	97.7	97.8	97.8	98.2	98.1	98.1	98.2	98.3	98.2		98.3	98.4	98.4
≥ 700 ≥ 600	84.2	96.3		98.4	98.1	78 • 1 98 • 5	98.9	98.9	98.4	98.4	98.5 99.0	98.5	93.6	98.6	99.1	96.6
≥ 500 ≥ 400	64.2	96.6	97.6 97.8	98.4 98.7	98.5 98.8	98.8 98.8	99.2	98.9	98.9	98.9	99.0 99.4	99.4	99.1	99.5		
≥ 300 ≥ 200	54.2	76.7 76.7	97.9	99.7 98.7	98.8		99.2	99.2	99.2	99.2	99.4		99.6	99.6	99.6	99.7
≥ 100	34.2	96.7 76.7	97.8 97.8	98.7 93.7	99.8 98.8	96.8 93.8		99.2	99.2 99.2	99.2	99.4	99.4	99.6 99.6	99.6 99.6	99.7 99.7	99.9 122.(

OTAL NUMBER OF OBSERVATIONS\_\_\_\_\_

930

USAF ETAC FORM O-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILITY

AU CUMMATOLOGY MARKH 1 FLTMC WAR ALL SERVICE/MAK

KENNETY SPACE CONTER FE

69-75,73-h

1 -

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 7	≥ 2	≥172	≥1%	≥1	≥ ⅓	≥ ⅓	≥ 5	≥5 16	≥ .	≥0
NO CEIUNG ≥ 20000	. i 1 • 2	13.3 72.9	5 ? • ¥	5 7 . 8 7 7 . 1	5 % • S 7 % •	53.3 72.1	53.4 73.1	5.8 73.1	53•" 73•1	53.9 73.1	57.6 73.1	53.5	53.8 73.1	53 73.1	93.8 73.1	23.5 73.1
≥ 18000 ≥ 16000	/1.5 /2.4	73.4	74	73.7	72.7 74.4	73.7 74.4	73.7 74.4	73.7 74.4	74.4	77.7	73.7	73.7 74.4	73.7 74.4	73.7	73.7	73.7
≥ 14000 ≥ 12000	73.1 75.4	77.3	75.03 74.1	75.2 75.1	73.2 75.1	75.2 76.1	75.2 78.1	75.2 78.1	75.7 78.1	75.2 78.1	75. <sup>^</sup>	75.2 78.1	75.2 78.1	75 • 2 78 • 1	75.2 75.1	75.2
≥ 10000 ≥ 9000	79.5	81.7	87.4 81.3	90.4 31.9	81.9	81.9	30.4 31.9	90.4 81.9	89.4 81.9	20.4 21.9	81.9	80.4 81.9	€7.4 51.9	85.4 81.9	80.4 31.9	36.4 81.9
≥ 8000 ≥ 7000	79.1 79.7	42.6 83.1	87.4	32.7	82.9 33.7	£3.7	82.9 83.7	82.9 83.7	83.7	82.5 83.7	62.9 83.7	92.9	52.9 33.7	82.9 83.7	32.9 33.7	82.9 83.7
≥ 6000 ≥ 5000	31.2 32.3	94.d	85.2 86.3	35.4 36.5	8°.4	50 <b>.</b> 5	55.4 86.5	25.4 86.5	35.4 86.5	85.4 86.5	85.4 86.5	85.4 86.5	გ5.4 მნ.5	95.4 86.5	35.4 36.5	65.4 86.5
≥ 4500 ≥ 4000	34 • 3	53.3 92	8° • 6	38 • 6 9 : • 9	33.8 91.9	9 9	68.8 95.9		38.3	88.8 95.9	58.9 90.0	88.8 93.5	88.8 90.9	88.5 90.9	38.3 55.9	63.6 63.6
≥ 3500 ≥ 3000	08.1 64.0	92.9	93.3	93.5 94.8	93.5	54.8	93.7	93.7		93.7	93.7 94.9	93.7	97.7	93.7	93.7 94.9	54.9
≥ 2500 ≥ 2000	30.9 90.a	95.3	95.7 96.9	95.9 97.2	97.2	97.2	96.0 97.3	96.8 97.3		96.3 97.3	96.3 97.3	96.1 97.3	96.C 97.3		96.1 97.3	
≥ 1800 ≥ 1500	າວ.3 91.•:	95.7 97.3	97.1	97.4 97.7	97.7	97.7		97.5	97.8	97.5 97.3	97.8		97.8		97.5	97.5
≥ 1200 ≥ 1000	91. 91.2	97.5	98.	98.5 98.7	9°.6	98.9	~	98.7 99.2	99.0	98.7 99.0	98.7 99.5	99.0	98.7 99.5	98.7 99.0	98.7	98.7 99.0
≥ 900 ≥ 800	91.2	97.7 96.1	99.3	98.7 99.0	99.2	99.2	99.0 99.4	99.5 99.4		99.5	99.0 99.4	99.0	99.4	99.4	99.0 99.4	99.E
≥ 700 ≥ 600	91.2 91.2	98.1 98.2	98.6	39.4	99.2 99.5				99.6	99.6	99.4 99.6	99.4			99.4	49.E
≥ 500 ≥ 400	91.2 51.2			99.5	99.7	99.7					99.7	99.7		99.7		99.7
≥ 300 ≥ 200	91.2	98.4 78.4	99.	99.5	99.7				100.0		99.9 100.0					99.9
≥ 100 ≥ 0	91.2 91.2	98.4 98.4		99.5		, ,		-			100.0 100.0			_	178.6 132.0	

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLET

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FLI AL METMATCLULY DRANCH L MELTAC A MATHIN SERVICE/MAD

## CEILING VERSUS VISIBILITY

FINALLY SOACE CONTENTEL EV-75,73-3

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG		VISIBILITY STATUTE MILES														
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	212	≥1'2	≥1	≥ ½	≥ '⁄₀	≥ 'ז	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	35 • i 7 ? • i	55.7 75.7	55.1 75.1	56.2 75.9	5 . 2 75 . 9	Fu•2 75•9	36.2 75.9	75.9	50 • 0 75 • 4	5(.2 75.9	56.2 75.9	54.4 75.9	5: •2 75 • 9	56.2 75.2	50 • 3 75 • 9	1
≥ 18000 ≥ 16000	73.3 74.1	7c.1	75 • 1 77 • 1	76.1 77.1	76 • 1 77 • 1	75.1 77.1	76. 77.1	76 • 1 77 • 1	76.1 77.1	76 • 1 77 • 1	1	75.1 77.1	76 • 1 77 • 1	76.1 77.1	16.1 77.1	76.1 77.1
≥ 14000 ≥ 12000	75.7 77.7		01.2	78.9 31.2	78.9 61.2	78.9	13.9	70.9 21.2	78.9		51.7	75.9	73.9 51.2	79.3 61.2	72.7 21.2	72.5
≥ 10000 ≥ 9000	77.1 62.9	52.9 95.1	55.1	+2.9 +5.1	82.9	92.9 95.1	87.9	92.9 35.1	82.9 85.1	25.1	1 • 5 ت	82.9 55.1	\$2.9 85.1	82.9 35.1	52.9 55.1	52.9
≥ 8000 ≥ 7000	2.3	87.4		36.3	86.3	36.3	36.3 c7.4	86.3 57.4	36.3	86.3 87.4		80.3	86.3	36.3 87.4	66.3 87.4	86.3 87.4
≥ 6000 ≥ 5000	43.3	29.4 85.2	89.8	39.2	8 - 8	76.8 89.8	68.3	98 8 99 3	38.0	98.8 89.8	89.8	88.8 89.8	53.8 89.8	28.8 39.3	38.8 39.9	90.5 89.5
≥ 4500 ≥ 4000	55.3	9.00	93.2	91.2	91.2	91.2 93.3	51.2 53.3	93.3	93.3	91.2	91.3	91.2	91.2 93.3	91.2	91.2	71.2
≥ 3500 ≥ 3000	35.4 33.4	93.4	96.1	34.1 95.2	96.3	94.1	94.1 96.6	96.6	94.1	94.1	96.6	96.6	94 • 1 96 • 6	96.5	96.6	94.1 96.6
≥ 2500 ≥ 2000	13.4 18.7	75.3	95.5	95.7	95.8	97.8	97.5 98.1	97.5	97.1	97. 98.1	97.0 98.1	94.1	97.0	97.0 98.1	97.0 96.1	95.1
≥ 1800 ≥ 1500	33.6	97.0 97.3	97.t	97.8	92.3	98.5 98.3	98.2 93.5	98.2 98.5	98.2	96.2 96.5	98.0	98.2		96.2	98.2 98.5	93.2 95.5
≥ 1000	39.1 29.1	93.	99.7	98.9	99.0	99.0 99.0	79.2 99.2	99.2 99.2	99.2	99.2	99.0 99.2	99.2	99.2 99.2 99.2	99.2 99.2	99.2 99.2	99.2
≥ 900 ≥ 800 > 700	39.1	98.2	93.9	99.1	99.2	9.2	99.5	99.5	99.5	99.5	99.5	99.5		99.5	59.5 79.6	99.5
≥ 600	39.1	98.4	99.1	79.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	59.5 59.5	1 1
≥ 500 ≥ 400 ≥ 300	37.1	98.4	99.1	99.5	99.6	99.6	99.9	99.9	99.0	99.9		99.9	99.9	99.9	99.9	99.9
≥ 200	89 1 89 1	93.4	99.1	97.5	99.6	99.5	100.0	170.0	160.0	100.3		100.0	103.0	130.5	100.0 100.0	100.0
≥ 100 ≥ 0	89.1	93.4	ا. ہا	99.5	99.5						150.0					1(1.5

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORE CLIN TOLOGY PACE TIO CLATHIN SERVICIANAL

## CEILING VERSUS VISIBILITY

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (ST

CEILING							VIS	BILITY IST	ATUTE MIL	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2'7	≥ 2	≥17	≥1/4	≥1	≥ 1,	≥ 5/8	≥ 5	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	5.7 • 1 74 • 1	55.8 76.1	55. 76.5	59•1 76•5	2°•1 75•5	59.1 70.5	3°•1 16•5	39.1 76.5	5″ • 1 75 • 5	59.1 76.5	59.1 76.5	50 <b>.</b> 1 76.5	3 / • 1 76 • 5	59.1 76.5	59.1 76.5	57.1 76.5
≥ 18000	74 • 5	75.1 77.	75.5	76.5 77.3	70.5 77.3	74.5 77.3	76.5 77.3	76 • 5 77 • 3	76.5 77.3	76.5 77.2	76 • 5 17 • 3	76.5 77.3	76.5 77.3	76.5 77.3	75.5 77.3	76.5 77.5
≥ 14000 ≥ 12000	75.7 77.5	73.2	7 5	7:05 8:06	78.5 86	75.5 32.6	7±.5	78.5 80.6	79.5 30.e	73.5 25.6	78.5 60.5	76.5	79.5	78.5 80.5	79.5 20.6	75.5
≥ 9000	79.1 95.4	30.0 33.8	82.4 84.1	32.6 84.3	84.	92.8 24.5	32.3 84.5	32•8 34•5	51.4 54.5	82.5 84.5	82.0 84.5	82.8 34.5	52.3 54.5	52. 8 <b>4.</b> 9	20.4 84.5	82.c
≥ 8000 ≥ 7000	21.3	35.8	8°.3 83.1	35.5 85.3	55.7 86.6	85.7 36.6	85.7 66.6	35.7 36.6	35.7	85.7 85.6	65.7 66.6	85.7 85.6	გ5.7 <u>ას.6</u>	85.7 36.0	35.7 36.6	85.7 86.6
≥ 6000 ≥ 5000	22.9 33.4	87.1 17.7	57.5 83.7	37.7 38.4	8 . C	64.0 ∂3.6	85.0 35.6	26.0 38.6	ଞ୍ଚ୍•ୁ ଅନ•ୁନ୍	38.5 88.6	88.€ <b>08.6</b>	88.5	გყ.ე გმ. <b>6</b>	38•. 38•6	38.5 88.5	= j Q
≥ 4500 ≥ 4000	54.3 56.3	89.8 31.9	92.1	93.4	93.3	93.5	90.6 93.3	90.6	90.s	90.6 93.3	91.6 93.3	95.6 93.3	91.6 93.3	90.c	90.6 23.3	91.6 33.3
≥ 3500 ≥ 3000	7.3	93.1 94.3	95.3	94.5 95.8	96.	74.7 56.0	95.2 96.5	95•2 96•5	95.2 96.5	95.2 96.5	95.2 96.5	95.2 96.5	95.2 96.5	95.2 96.5	95•2 96•5	95.5 96.5
≥ 2500 ≥ 2000	.9.7 .8.7	95.3	95.	97.3	97.5 93.1	97.5 98.1	93.7 98.5	98.0 90.5	98. 98.5	98 93.5	99.0	93.1 98.5	≯৪•^ 9৪•5	98 • 5	98.0 98.5	98.0 98.5
≥ 1800 ≥ 1500	3 - 3 - 2 - 3	96.3	97.3	77.8	99.1 99.4	98.1 95.4	93.5 98.8	78.5 98.8	93.5 98.5	98.5 98.2	98.5 98.5	98.5 94.0	94.5 98.8	98.5 98.5	98.5 93.8	90.5 90.5
≥ 1200 ≥ 1000	59.1 59.1	97.1	93.7	39.8	95.9	98.9	99.4	99.4	99.4 9 <b>9.</b> 5	99.4	99.E	99.5	99.4 99.5	99.4	99.4 39.5	99.4
≥ 900 ≥ 800	39•2 39•2	91.3	99.4 98.4	96.9	99.1 99.2	9.1	99.6 39.7	99.6	99.6 99.7	99.6 99.7	99.6 99.7	99.6	99.6 99.7	99.6	99.6	99.6 99.7
≥ 700 ≥ 600	29.2 29.2	97.3 97.3	98.4	99.0	99.2	99.2	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7	99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7
≥ 500 ≥ 400	39.2	97.3	98.4	99.U	99.2	99.2	99.7	99.8	99.8		99.9	99.9		105.6 1.5.5	165.5 165.5	100.0 100.0
≥ 300 ≥ 200	34.7 69.2	97.3 91.3	98.4	99.0	99.2	99.2	59.7 39.7	99.8 59.8	99.8	99.9 99.9	99.9 99.9	99.9	170.5 140.5	168.i. 168.i	160.0 160.0	100.0 100.0
≥ 100 ≥ 0	89.3 89.3	97.3 77.3	92.4 98.4	99.U	99.2	99.2	39.7	99.6 99.8	99.5	99.9	99.5	99.9 99.7		150.5 150.5	100.0 100.0	1 3 2

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 53

USAF ETAC 101 86 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE AL OLINATOLOGY THATCH A ATH . SERVICE/MAG

## CEILING VERSUS VISIBILITY

ANECY STACE CENTER FL

69-7.,73-5.

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		VISIBILITY STATUTE MILES														
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	217	≥1.	≥1	≥ ¼	≥ .•	≥ :	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	65.0 73.2	£7.6		67.7 75.3	67.7 75.3		7.7	67.7 75.3	07.7	67.7	67.7 75.7	67.7 75.3	67.7 75.3	67.1 75.3	67.7 75.2	67.7 75.5
≥ 18000 ≥ 16000	73.7 73.9	75.6 75.3		75.7	75.7 75.9	75.7	75.7 75.9	75.7 75.9	75.7 75.5	75.7 75.9	75.7	75.7 75.3	75.7 75.9	75.7 75.9	75.7 75.9	7:.7 75.7
≥ 14000 ≥ 12000	74.4 75.7	76.3 79.1	75.3 79.1	76.5 79.2	75.5 73.2		76.5 79.2	76.5 79.2	76.°	76.5 79.2	76.5	76 • E 79 • 2	76.5 79.3	76.5 79.2	75.5 77.2	76.5 77.2
≥ 10000 ≥ 9000	73.5 77.4	91.2 82.0	81.7 92.2	31.5 92.4		1	31.5 22.4	21.5 82.4	ε1.° \$2.4	81.5 82.4	81.° 22.0	81.8 82.4	51.5 d2.4	11.	31.5 32.4	41.5 52.4
≥ 8000 ≥ 7000	27.4 21.4	43.2 54.5	34.7	? ? • 5 34 • 9	83.5 34.9	! !	34.0 34.0	33.5 84.9	ვ <b>ჳ.</b> ნ გ <b>4.</b> ა	83.5 84.9	83.5 94.0	23.5 84.9	34.5 34.9	23.7 84.0	83.5 34.9	53.€ 94.€
≥ 6000 ≥ 5000	52.d 93.3	55.9 50.0	66.1 67.1	36.3 37.3	36.3 37.3	50.3 17.3	96.3 87.3	56.3 27.3	36.3 37.3	રિંહ•ડે ૧ <b>7</b> •3	36.3 37.3	36.3 87.3	dċ∙3 ∪7∙3	26.3 27.3	₩6.7 37.3	€3•2 27•?
≥ 4500 ≥ 4000	ან•1 ან•3	91.2	9. • 6 91• c	91.9 91.8	91.9	91.9	50.9 51.9	71.9	9r.∈ 91.∃	91.9	91.7	90.5 91.5	91.9	50.9 51.0	97.5 51.5	6. • 9 5 • 6
≥ 3500 ≥ 3000	58.4 89.0	93.7		94.3	94.4	75.4	94.4 95.4	94.4 95.4	94.0 95.4		94.4 95.4	94.4 95.4	94.4 95.4	94.4 95.4	95.4 95.4	94.4 95.4
≥ 2500 ≥ 2000	90.4 90.4	96.6 07.0		;7.3 97.3		ខុន្ទ	97.4 98.7	97.4 98.5	97.4 98.	97.4	97.4 96.	95.	97.4 95.5	97.4 98.	97.4 69.5	97.4
≥ 1800 ≥ 1500	97.5 1.1	97.1		98.5 93.6		99.8	99.2 98.8	98•8	98.3	98.E	98.8	98.2 93.5	98.2 98.3	98.0 98.0	93.C 98.8	98.1 95.1
≥ 1200	91.1 91.2	47.7 47.8		ಳಿದಿ.7 ೨೦.8		09.1	99.0 99.1	99.1	99•1	99.0 99.1	99.5 99.1	99.3	59.0 59.1	99.1	99.1	99.7 99.1
≥ 900 ≥ 800	91.2 91.2	77.5	ې د و	99.8 99.1	99.5	, 9 . 5	99.1 99.5	99•1	99.1 99.5	99.5		99.1	99.1 99.5	99.3 99.5	99.1	99.1
≥ 700 ≥ 600	91.2	98.1 98.1	93.4	99.5	99.8	99.3	99.8	79.8 99.8	99.3 99.3	99.3 99.8	99.3 99.3	99.8 99.8		59.8	59.8 99.8	99.5
≥ 500 ≥ 400	91.2	98.3 73.3	99.	99.7	100.0	1:0:0 1:0:0	1 L D • D 1 : • 7	100.0 100.0	130.0	150.t. 160.d	lut.	150.0 155.0	100.0 100.0	100.0 100.0	100.	100.
≥ 300 ≥ 200	91.2	98.3	99.	99.7		100.0	135.3	700.0	130.0 <u>130.0</u>	100.0	1,0.0	100.0		100.0 100.0	160."	100.0
≥ 100 ≥ 0	51.2 71.2	98.3	99.	99.7 99.7		166.0 166.0	100.0 100.0	170.0 170.6		190.9		.00.0 .00.0		100.J	140.6 165.6	186.5 196.6

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

CEILING VERSUS VISIBILITY

MOUNTEY STATE CONTEST TO STATE STATES

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY IST	ATUTE MIL	ES		_				
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥17	≥1.	≥1	≥ ⅓	≥ ,•	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	67.5	72.0	57.4	\$1.2		53.4	23.6 73.2	5 5 • 7 73 • 2		55.9 73.5		59	59.1 73.7	73.7	39.3 73.€	, • •
≥ 18000 ≥ 16000	57.7	7° . 4	77.	73.1		73.3 73.9	73.6 74.2	73.6 74.2	73.0	73.9		73.0 74.5	74 • 1 74 • 7		74.1 74.1	74.2 74.2
≥ 14000 ≥ 12000	20.5	74.3 75.4	74.5 75.0	74.9		75.1	75.4 77.6	75.4 77.7	75.4		: 1	75.7	75.9 75.1	75.7 78.1	75.2 75.2	70 · .
≥ 10000 ≥ 9000	77.9 74.6	75.5	7	79.3		79.6	79.F	79.9 -1.5	19.6 31.5	90.1 91.0	1	80.1	51.9		20.4 2.0	
≥ 8000 ≥ 7000	75.4	1.6 82.4	37. 33.9	32.4		33.0	32.9	23.9 23.9	5.5 • 9	3) 4 4 0, 4	23.2	93.2 84.2	65.4 64.4	:3.4 [4.4	53.€ 24.5	5 7 • 5 - 4 • 5
≥ 5000 ≥ 5000	77.0 76.0	3.6 34.7	34 SE.3	24.6	54.8 35.0	34.0 30.0	35.1 36.3	25.2 25.4	:5.º √6.º	2:.5   35.7	85.1 86.7	35.5 80.7	:5.6 56.8	5.6 06.1	35.7 86.9	93.4 69.6
≥ 4500 ≥ 4000	79.5	35.8 23.5	37.4 65.	27.8 8.9.8		15.1 71.1	30.4	53.4 50.4	38.4 95.4	98.7 93.7	88.7 90.7	8a.7	52.9 5∶.9	38.9 93.9	90,	93.
≥ 3500 ≥ 3000	62.3	91.9	91.7	91.7 93.2	9 1 • 5 9 3 • 5	92.0	92.3	93.9	97.4	94.2	94.7	97	92.9 94.4	94.4	98.9	55.5 54.5
≥ 2500 ≥ 2000	73 a 9	94.9	97.7	94.2 95.3	94.5 95.6	°4.5	94.9	95.3 90.1	7.5 • 1	95.3 96.4	95.3 96.0	95.3	95.4 96.5	- 1	95.5 95.0	
≥ 1800 ≥ 1500	54.7	94.2 94.7	95.	75.5 76.1	5°.9	55.9 76.4	36.2 36.9	56.3 95.9	96.9	96.6 97.2	1 1	96.6 97.2	96.8		95.3	96.7
≥ 1200 ≥ 1000	%•1 ≥5•3	55.2 65.4	96.5	76.7 76.9	97.C	97.5	97.7	97.5 97.8	97.1 97.6	97.5		97.8 95.1	97.9	ç <b>7.</b> ,	77.	95.1
≥ 900 ≥ 800	υ°•3 95•3	95.4 95.7	96.4 95.7		97.5	57.5 97.8	97.9	97.9	97.9	5 è . ? 9 č . 5		96.3 98.5	98.4	98.4	98.5 98.5	63 • t
≥ 700 ≥ 600	:5.4	95.3 95.3	96.3	97.0	93.0	90.5 93.2	73.4	93.5 98.7	98.1 98.7	98.8	: 1	93.8	99.0	99.	99.1 99.2	59.1 59.3
≥ 500 ≥ 400	55.4	95.1	97.1	97.d		73.3 98.5	· · · 7	48.8 99.0	98.	99.1	59.1	99.1	49.3 39.6	99.3	39.4 99.7	79.4
2 300 2 700	5.4	56.1	97.1	93.	95.5 93.5	98.5	99.	09.1	99.1	29.4	99.4	63.4	99.7	69.7	99.9	69.a
x	3.4	55.1 66.1	97.5	94.6	95.5	95.5	99.1	99.1 99.1	99.1	59.4	39.4	99.4	99.7	79.7 79.7	39.4	69.5

SAF F'A 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TO AU CERRITOPOLY HIA CH PARKITERNIE SERVECTIVAC

### CEILING VERSUS VISIBILITY

STATION STATION NAME

69-7-,75--

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG		-		-			VIS	IBILITY :ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	د∵ا≤	≥1″4	≥1	≥ 1/4	≥ ⅓	≥ ;	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	(á•2	53.3 3.2	6 · • · · · · · · · · · · · · · · · · ·	58.9 33.8	.9.1 84.∩	69.1 84.0	69.1 64.0	49.1 •4.5	67.1 34.5	69.1 84.0	69.1	67.1 54.7	67.1 34.0	9 <b>+</b> • ;	69.1 54.1	69.1 -40.
≥ 18000 ≥ 16000	1 • 1 1 • 3	:4• :4•3	54.± 55.∗	34.6 25.3	34.8 35.6	ેમ•3 ેઇ•6	34.3 55.6	14.3 15.6	34.3 85.6	84.4 85.6	2 <b>4.</b> 5 25.0	84.8 85.6	84.3 55.6	84.5 85.6	84.8 85.6	84.5 65.5
≥ 14000 ≥ 12000	.2.9 54.1	95•3 97•3	86.° 37.8	36.3 37.9	영수 <b>.6</b> 성급 <b>.1</b>	?6•5 38•1	36.6 88.1	₽6.5 88.1	30 • 5 28 • 1	80.5 63.1	86.6 88.1	80.6 88.1	કંઘ•6 કુ8•1	36.0 38.1	36.6 98.1	6.6 63.1
≥ 10000 ≥ 9000	>5.6 ∪6.3	89.3 89.9	89.4 91.7	89.6 61.4	30.8 91.7	59.8 30.7	39.3	29.8 95.7	89.0 97.7	89.8 91 <b>.7</b>	89.3 95.7	89.3	89.5 5:.7	39.8 93.7	59.8 95.7	89.3
≥ 8000 ≥ 7000	7 • 3	96.7 95.7	91.1	71.2 71.2	91.4 91.4	71.4	91.4 91.4	^1.4 91.4	91.4 91.4	91.4 91.4	91.4 91.4	91.4 91.4	41.4 91.4	91.4 91.4	91.4 91.4	91.4 91.4
≥ 6000 ≥ 5000	ુ? •ે "કે • દ	91.7 9.7.7	92.1 93.1	93.2 93.2	92.4 92.4	92.4 93.4	92.4 93.4	92.4	92.4	92.4 93.4	92.4 92.4	92.4 93.4	92.4	92.4 53.4	92.4 97.4	92.4
≥ 4500 ≥ 4000	3 <b>3 .</b> 3	94.3 05.6	94.1 76.	74.9 76.1	95.1 96.3	95.1 95.3	95.1 96.3	95.1	95.1 €6.3	95.1 96.3	95.1 96.3		95.1 96.3	95•1 دُ•6•	95.1 95.3	90.3
≥ 3500 ≥ 3000	92.0	97.4 97.7	97.0 98.1	95.U	91.2 31.4	98.2	98.4	93.2 98.4	98.4 98.4		98.2 98.4	96.4	98.2 98.4	98.2 98.4	98•8 98•4	93.4
≥ 2500 ≥ 2000	/3.7 /3.3	98.C 98.4	93.4 93.9	9°.0	98.8	93.8 99.2	93.3 99.3	98.8		98.8 99.3	98.8 99.3		93.8 59.3	99.3	3 G . 7	99.3
≥ 1800 ≥ 1500	97.4 93.4	73.6 78.0	99.	99.1 99.1	97.3 97.3	99.3 99.3	99.4	99.4 99.4	99.4	99.4 99.4	99.4	99.4 99.4	59.4 99.4	99.4 99.4	59.4 59.4	79.4
≥ 1200 ≥ 1000	> 7 • 4 > 3 • 4	93.5 93.6	97.	99.1 99.1	90.3	99.3	99.4 99.4	99.4	99.4 99.4	99.4	99.4	99.4	59.4	99.4	99.4 99.4	99.4
≥ 900 ≥ 800	93.4 93.4	90 • a 3 a • 7	99.	99.1	99.3	99.3	59.4	99.4	36.E	99.6	99.6	99.4 99.6	99.4	79.4 99.6	99.4 99.6	99.4
≥ 700 ≥ 600	93.4 33.4	94.9	99.7	99.4 99.4	99.7	79.7	99.8		99.8 99.8	99.3	99.8 99.8	99.5	99.8	99.3	99.8 99.8	99.8
≥ 500 ≥ 400	93.4	09.1	95.6 95.6	99.7	99.9	99.9	110.0 100.5	100.0 100.0	100.1 100.1	150.0 150.0	160.0 100.0	788°C	100.0 140.0	100.	1.5.	100.
∴ 300 ≥ 200	-3.4	99.1 99.1	95.	99.7 35.7	97.9		100.0	100.0	166.5 166.5	100.1 100.5	165.5 165.5	100.0	100.0	1 70 • "	100.0 100.0	1 - 1 - 1 1 - 1 - 1
≥ 100 ≥ 0	-3.4 -3.4	99.1	99.5 99.(	99.7	99.9	- 1	100.0	100.0 104.0	100.5 100.6	700.0		100°C		!	100.0 100.0	1

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TO ALL CLIMATORNLY ARCH FOR THE FUSTIVITY ALCH FOR THE FUSTIVITY ALCH

## CEILING VERSUS VISIBILITY

AL MELLY SPACE CENTER FL

69-70,73-3

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS 157

CEILING							VIS	HBILITY IST	ATUTE MIL	ES			_			
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 7	≥ 2	≥1%	≥1%	≥1	≥ 1/4	≥ %	≥ '5	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	75.0	67.8 79.6	6°.4	65.8 47.5	68.9 87	50•0 83•8	69.2 31.0	59.2 91.0	01.	69.2 21.5	65.2 31.0	67.2 81.0	59.4 81.2	69.4 81.2	65.7	64.8 81.5
≥ 18000 ≥ 16000	75 • 7	81.	8'.7	81.1 82.0	31.1 53.1	91.2 32.2	81.4 52.4	21.4 82.4	61.0 82.4	81.4 32.4	61.4 82.4	31.4	51.7 cl.7	£1.7	+1.9 =7.9	33.1
≥ ±4000 ≥ ±2000	76 • 8 7 • • 7	\$1.2 23.1	81.9 33.5	34.1	31.3	2.4	62.7 34.6	82.7 24.6	34.6	82.7 84.6	62.7	P1.7	8 T. 9	82.9	83.1 85.0	53.8
≥ 10000 ≥ 9000	1.0	65.2 67.2	87.5	96.2 88.2		-5.4 -6.4	36.7 58.7	86.7	86.7	86.7	86.7 88.7	86.7	86.9	66.9 88.9	37.1	
≥ 8000 ≥ 7000	1.7	97.6	84.1 89.5	88.6	S 5 • 7	38.8 89.1	99.0	89.3	89.3	89.3	89.3	89.5	39.2	89.2 89.0	30 4 30 4	99.5
≥ 6000 ≥ 5000	> 2 • 3	73.7 89.9	88.7	49.2	- 3 G • 3	89.4	39.7	89.7	89.7 51.3		89.7 91.4	89.7 91.3	89.9 91.6	39.9 91.a	9" • 1 91 • 8	90.2
≥ 4500 ≥ 4000	-5.4 -5.6	72.1 94.3	92.0	93.1	93.2	93.3 95.4	93.6 95.7	93.5	93.6	93.6	93.6 95.7	93.6 95.7	97.8	93.0	94.1	91.9
≥ 3500 ≥ 3000	£7.2	95.4	96.1	56.4 96.6	96.6 96.9	96.7 97.0	96.9 97.2		96.9	96.9	96.0	96.9 97.2	97.4	97.1 97.4	96.1 97.3 97.7	97.4
≥ 2500 ≥ 2000	3 . ]	95.1	95.4	97.1	97.2	97.3	97.6 58.2	97.6	97.6	97.6	97.6	97.6 98.2	97.5	97.8	98.0	9 c • 1
≥ 1800 ≥ 1500	د و . و د ي . و	97.0	97.0	97.9	98.1	98.1	98.3	98.3	99.3	98.4	98.3 98.4	98.4	93.6	98.6 98.6	98.7	98.8
≥ 1200 ≥ 1000	39.0	97.1	97.5	73.1	93.4	98.3 98.6	78.6 98.8	98 6 98 5	98.8	98.6 98.5	98.6	93.6	99.3	93.c	99.9	99.1
≥ 900 ≥ 800	29.9	97.4	98.1	93.4	96	98.7	98.9 98.9	78.9 98.9	98.9	98.9 98.9	95.9	95.3 98.9 94.9	99.5	99.1	99.3	9.4
≥ 700 ≥ 600	08.9	97.7	96.3	35.7 79.0	99.1	98.9	99.1	9.1	99.1	99.4	99.1 99.4	99.1 99.4	99.1 99.3	99.3	99.3 99.6	99.7
≥ 500 ≥ 400	18.9	97.3 97.9	90.	99.0	99.1	99.2	99.4	99.4	99.4	99.4 99.4	99.4	99.4	99.7	49.7 49.7	99.9	1.001
≥ 300 ≥ 200	8.9	97.9	93	79.L	97.1	79.2	99.4	99.4	99.4 99.4	99.4	99.4	99.4	99.7	99.7 99.7	39.0	
≥ 100 ≥ 0	39.9	97.9 97.9	98.5	99.U	99.1	79.2	99.4	09.4	90.4	99.4 99.4	99.4	97.4	99.7	99.7	99.9	Liuei Liuei

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JULI 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEL AL CLIMATOLOCY PRANCH INSPITAC NO GEATHLE SERVICE/MAC

## CEILING VERSUS VISIBILITY

REANADY SPACE CENTER FL

69-7",73-5"

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5 1 7 - 1 5 THOUSE US

CEILING							VIS	IBILITY (ST	ATUTE MILI	ES	- 1			•		
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 2	≥ 2	≥179	≥1′2	≥1	ية ≤	≥ 5/4	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	51.4 31.4	73.7		59 76.3	63.9 77.4	63.°	55.9 77.4	63.7 77.4	53.9 77.4	64.7 77.9	64.3 77.5	64.3 77.9	64.7 78.2	54.7 7d.2	64.7 73.2	65. 73.6
≥ 18000 ≥ 16000	c1.3	73.9 74.6		76.4 77.2	77.6 73.3	77.6 75.3	77.6 70.3	77.6 78.3	77.6 75.3	75	78.0 73.1	78.1 70.8	70.3 79.1	79.3 79.1	72.3 79.1	75.7 79.4
≥ 14000 ≥ 12000	62.9 63.3	75.9	77.	75.6 79.6	73.7 5 . 7	73.7 67	79.7 85.7	79 <b>.7</b> 86.7	77.7	9 .1 31.1	88.1 01.1	35.1 81.1	60.4 31.4	20.4 21.4	5[.4 51.4	90•8 81•8
≥ 10000 ≥ 9000	£5.7	79.9 50.9	82.	ੋ ⁄ • c ਤੇ ਤੋਂ • 5	83.9 84.9	33.9 34.9	33.9 34.9	83.9 84.9	87.7 54.0	94.3 35.3	64.3 65.7	34.3	54.7 65.7	34.7 65.7	34 • 7 85 • 7	:.و3 3و•:
≥ 8000 ≥ 7000	57.3 55.3	82.4 43.1	83.3 84.4	a5∙3 26∙0	97.1	26.4 97.1	67.1	96.4 67.1	85.4 87.1	86.9 87.6	86.5 87.6	მე.9 87.6	57.2 57.9	57.2 87.9	97.2 87.0	97.5 83.2
≥ 6000	58.8 £9.6	24.	25.3 86.7	36.9 53.∠	63.1 85.4	80.1 89.4	69.1 59.4	98.1	89.4	96.6	28.6 59.9	98.6 89.9	90.3	88.9 92.3	58.9 90.3	89.7 95.7
≥ 4500 ≥ 4000	71.43 71.4	85.7 -7.8	89.1	89.6	9 8 91 . 9	93.3	90.9 91.9		90.4 91.9	91.2 92.3	91.2 92.3	91.2 92.3	91.7 91.8	91.7 92.3	91 <b>.7</b> 93.8	92.7 93.1
≥ 3500 ≥ 3000	72.2 72.8	33.9 89.6	97.9	91.8 92.4	93.0 93.7	93.0 93.7	93.0 93.7	93.0 93.7	93.5 93.7	93.4	93.4 94.1	93.4 94.1	93.9	93.9	93.9 94.6	64.3 94.9
≥ 2500 ≥ 2000	73.2 73.4	90.5	91.3	92.9	94.1 94.7	34.1 4.7	94 • 1 94 • 7	94.1	94.1 94.7	94.6	94.6 95.1	95.1	95.0 95.6	95.6	95.C 95.6	95.9
≥ 1800 ≥ 1500	73.4	95.7	92.1	93.6	95.0	94.3 95.0	94.8	94.8 95.0	94.°	95.2 95.4	95.2 95.4	95.2	95.7 95.9	95.7 95.9	95.7	96.2
≥ 1200 ≥ 1000	74.2	91.3	92.9	94.7	95.6	95.6 95.9	95.9	95.6 95.9	95.6	96.3	96.0 96.3	96.0	96.4	96.4	96.8	97.1
≥ 900 ≥ 800	74.2 74.2	92.5 92.5	93.3 93.7	95.1 95.1	96.6 96.6	76.5	76.6	96.6	96.6 96.6	97.0 97.0	97.0	97.C	57.4 97.4	97.4	97.4	97.8
≥ 700 ≥ 600	74.2	92.4	93.0	95.8 96.2	97.2	96.9	96.9	96.9	96.9	97.7	97.7	97.3	98.1	97.3 98.1	97.8	95.1
≥ 500 ≥ 400 ≥ 300	74.4	93.1	94.5	96.4 96.4	93.2	97.8 96.3	97.9 98.4	97.8 98.4	97.8 98.4	98.2 90.9	98.2 98.9	98.9 98.9	98.7 99.3	98.7 99.3	99.7 99.3	59.5 59.5
≥ 200	74.4	93.1	94.5	76 • 4 76 • 4	93.2	98.3	98.4	98.6 98.6	98.6	99.0	99.1	99.C	99.6	99.6	99.6 99.6	1.3.5
≥ 100 ≥ 0	74.4	93.1		96.4	98.2	3.3	38.4	98.6	98.5	59.8	99.5	99.8	99.5	99.6	99.6	

TOTAL NUMBER OF OBSERVATIONS.\_

USAF ETAC FORM 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CEPHATCEOUS NAMES THO STOREST SERVICEZMAN

## CEILING VERSUS VISIBILITY

MONNELLY CRACE CENTER FE

69-77-73-1

-3 ( - 1 1 \* 5 HOURS + 5 1

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES:						
FEET.	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1 1/2	≥1'≥	≥1	≥ 3/4	≥ 3/8	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	ຼາ•3 71•9	52.4 77.2	67.6 77.4	60 • 7 77 • 6		62 • 7 77 • 6	67.7 77.6		62.7 77.6	62.7 77.6	62.7 77.6	62.7 77.6		62.7 77.5		52.7 77.6
≥ 18000 ≥ 16000	72.1 72.3	77.4 73.3	77.7 78.5	77.8 73.7	77.8 78.7	77.8 78.7	77.8 78.7	77.5 78.7	77.	77.8 78.7	77.5 73.7	77.2		77.5 78.7	77.8 78.7	77.8 78.7
≥ 14000 ≥ 12000	72•1 74•2	79.2 30.8	75.4 81.	79.b 31.1	79.6 21.1	79.6	79.6	79.6 21.1	79.6 51.1	79.5 51.1	79.6 81.1	79.6 91.1	79.6 51.1	79.6 31.1	79.5 :1.1	79.6 81.1
≥ 10000 ≥ 9000	75.9 76.3	32.7	80.9 83.5	33.0 34.u	83.7 84.0	33.0 14.€	33.0 34.0	33.0 04.0	34.0	#3. 64.0	33. 84.	83.3 84.3	33.5 84.€	63.0 64.1	83.0 84.0	=3.0 €4.0
≥ 8000 ≥ 7000	79.4 79.2	15.4 36.2	8≈.7 86.4	85.8 86.6		გე.გ 16.6	1	55.8 26.6	85.5 86.5	25.3 35.€	85.8 36.¢	85.3 85.6	85.8 36.6	35.8 26.6	85.8 26.6	₹5•8 86•5
≥ 6000 ≥ 5000	31.8 82.1	28.2 95.0	93.4 97.7	88.c		38.7 90.4	88•7 90•4	98.7 90.4	88.7 95.4	88.7 96.4	88.7 90.4	89.7 95.4	88.7 90.4	88.7 90.4	88.7 93.4	38•7 3⊌
≥ 4500 ≥ 4000	73 € 13 84 15 84	91.4 91.9	91.7 92.1	91.8 92.2	91.9 92.3	91.9	l l		i	92.3				91.9 92.3	91.9 92.3	
≥ 3500 ≥ 3000	35.9 35.9	94.1 94.9	94.4 95.4	34.7 35.7	94.8 95.8		· .	94.8 95.8		,	94.E	94.8 95.3	94.3 95.8	94.3 95.8	94.8 95.8	94.5 95.8
≥ 2500 ≥ 2000	56•1 36•7	95.4 96.4		96.2 97.2	96.3 97.3			96.3 97.3					96.3 97.3	96.3 9 <b>7.</b> 3		
≥ 1800 ≥ 1500	·7•3	90.7	97.4	97.7 92.3	97.8 98.6			97.8 95.6	98.6	96.0	97.0 98.6	97.8 98.5		97.8 98.6	97.8 98.6	97.8 98.6
≥ 1200 ≥ 1000	38 • . 28 • 1	03.∏ 93.1	93.7	98.9 99.1	99.4		99.2 99.4	99.4	99.2	1 1	99.2 59.4	99.2 99.4		99.2	99.2 99.4	49.2
≥ 900 ≥ 800	58 • 1 88 • 1	95.2 95.2	99. 99.	99.2 99.2				99.6			99.6 99.6	95.6 95.6	l .	99.0	99.6	99.6
≥ 700 ≥ 600	. දෙපි.1 සිටි.1	98•3	99.1 99.1	99.2 99.4	99.7		99.7	99.7	99.7	99.7	99.7 99.9			99.7 99.9	99.7 99.9	9.7
≥ 500 ≥ 400	03 • i	78•2 98•2		99.4 99.4	100.0		100.0 100.0	150.5 150.0	140.5 140.5		100.0	100.0 100.0	100.0 100.0	100.0		1 ° 0 • 1 1 ° 6 • 1
≥ 300 ≥ 200	1 • 8 c i • 8 c	93.2 93.2	99.1 99.1	99.4 99.4	151.0 100.3	130.0 110.0	100.0 100.0	100.0 100.0	107.0 100.	100.0	160.0 130.0	100.5 100.5	140.0 160.0	100.0 100.0	160.0	186.8 186.8
≥ 100 ≥ 0	35.1	98.2	99.1	99.4			105.0			156.5 1.0.5			100.0 100.0		100 <b>.0</b> 100.5	

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

-

FUNAL CLISSTOLOGY HEANCH LUFLTAC ATT HEATHER SERVICENMAN

## CEILING VERSUS VISIBILITY

STATION STATION NAME

STATION NAME

STATION NAME

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES			_			
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 ;	≥ 2	≥1.2	≥1'%	≥1	≥ /4	≥ %	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	17.3	32.9	5 • ·	3 4	60 54	62.9 73.4	o2•7 ∈0•4	62.9 EG.4	50.4 87.4	62.9 80.4	60.0 80.4	62.9 95.4	62.9 85.4	62.9 85.4	62.9 80.4	52.4 90.4
≥ 18000 ≥ 16000	79.1 78.2	81.0 81.0	81.c	35.3 41.0	ა[.8 ა1.0	83.3 _1.0	35•8 ≥1•0	90.8 31.0	81.5 31.5	9 .3 81.0	5 · 7	8].8 21.0	e8 81.€	8].4 8].4	:0.8 al.0	e j.€
≥ 14000 ≥ 12000	79.4 31.4	32.2 34.3	82.0 84.4	?2 • 2 • 4 • 4	82.2 34.4	12 • 2 34 • 4	å2•2 94•4	22•2 84•4	a2•1 ∍4•4	3∠.2	82.2 54.4	92.2	32.2	82.2 34.4	52.2 34.4	82.0 94.4
≥ 10000 ≥ 9000	63.1 34.1	°6.1	86.2 87.0	36.2	원5 • 2 원 7 • 2		€7.2	86.2 37.2	86.1 57.1	86.2 £7.2	86.2 87.2	27.2	86.2 87.2	06.2 87.2	86.7 87.2	86.2
≥ 8000 ≥ 7000	₹5.5 ₹5.8	89.2 89.4		39.3 89.0	શક∙3 દેવે•6	69.3 39.6	39.6	89.3 89.6		00.6	\$9.3 89.6	89.3 89.6	89.3 89.5	89.3 69.6	89.3 89.6	89.3
≥ 6000 ≥ 5000	.6.6	90.3 92.3	91.4 92.4	92.4	92.4	42.4	¢2.4	92.4 92.4	91.4 92.4	92.4	90.4 92.4	92.4	91.4 92.4	90.4 92.4	91.4 92.4	92.4
≥ 4500 ≥ 4000	58.4 67.1	93.3	93.6	93.c	9 7 • 6 9 4 • 4	93.0	93.6	93.6 94.4	93.6 94.4	93.6 94.4	93.6 94.4	93.6	93.6	93.0	94.4	93.6
≥ 3500 ≥ 3000	°5.4 >1.3	75.9 97.4	96.1 97.8	96 • 1 97 • 3	91.01 97.8		96 • 1 97 • 8	97.8	96.1 97.8	96.1 97.8	96.1 97.8	96.1 97.8	96.1 97.8	96.1 97.8	96.1 97.8	97.3
≥ 2500 ≥ 2000	71.7 72.4	98.2 99.	92.6 95.4	98.6 99.6	98.6 99.6	98.6	99.6	98.6 99.6	98.6 99.6	98.6 99.6	98.6	98.6	98.6 99.6	99.6	78.6 79.6	99.6
≥ 1800 ≥ 1500	92.4 92.4	99.1	99.4 99.6	99.6	99.6	99.6 99.7	99.8	99.6 99.8	99.5 99.9	99.6 99.8	99.8	99.6	99.8	99.6 99.8	99.6 99.8	99.6
≥ 1000 ≥ 1200	· 2 • 4	99.3	99.7	99.8	99.8		99.9 181.5			100.0	99.9 160.0	99.9 153.0			99.9 100.5	
≥ 900 ≥ 800	72.4	99.3	99.2	99.9	99.9	99.9	$\overline{}$	130.0	100.0	100.0	100.0	100.0	160.0	100.5	163.n	100.0 100.0
≥ 700 ≥ 600	92.4	99.3	99.8	59.9	99.9	99.9	100.0	100.0	100.0		160.0	100.0	160.C	100.0	100.0	100.0
≥ 500 ≥ 400	32.4	99.3	99.8	99.9	99.9	99.9	100.0		160.0	100.0 100.0		100.0	100.0 100.0	100.0	100.0 100.0	100.7
≥ 300	)2.4 )2.4	99.3	99.8 99.9	99.9 99.9	99.9		1 C C • O	100.0 100.0 100.0	100.0			195.9 196.5	150.0	100.0	166.0 166.6	166.6
≥ 100 ≥ 0	92.4	99.3	90.9	99.9	99.9	79.9				100.0 100.0	100.0 100.0	100.0 105.0		100.3 100.5		100.0

TOTAL NUMBER OF OBSERVATIONS,

USAF ETAC PULSAF O-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLUTE

TO AN OLIMATOLOGY RANCH. Districted AT WEATHER SERVICE /MAC

### CEILING VERSUS VISIBILITY

RORNEDY SPACE CENTER FL

69-70,73-31

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ISTA	ATUTE MIL	.ES						}
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥2	≥17	≥1%	≥1	≥ 14	≥ 1/0	≥ '″	≥ 5 16	≥ '₄	≥0
NO CEILING ≥ 20000	ξ∩•¢ 79•0	62.1 81.4	ο2. 31.μ	ė'•u 31•4	3 . C 5 1 . 4	34.4	£2.€ 61.4	-2.0 81.4	00.0 81.4	52.0 91.4	62.€ 81.4	62.0 81.4	62.1	£2	62.5 61.4	62. 31.4
≥ 18000 ≥ 16000	79.1 79.4	31.6	81.6	91.6 31.9	51.6	*1.6 81.9	51.6 31.9	81.6 E1.9	81.5	1	81.6 81.6	81.6 81.9	51.6 61.9	31.0	31.5 51.9	°1.6
≥ 14000 ≥ 12000	- `• i	33.1	93.1 85.3	33.1 35.3	83.1 85.3	93.1	63.1 85.3	23.1 25.3	ä3.1 ⊴5.3	83.1 85.3	\$3.1 35.3	85.1 85.3	83.1 65.3	ห <b>3.1</b> 8 <b>5.</b> 1	33.1 d5.3	33.1 85.3
≥ 10000 ≥ 9000	.4 • 1 .5 • 2	?7.4 ?8.7	37.4 88.7	37.4 83.7	37.4 89.7	33.7	87.4 82.7	87.4 88.7	69.7	97.4 88.7	67.4 88.7	87.4 83.7	57.4 88.7	57.4 68.7	67.4 38.7	97.4 86.7
≥ 8000 ≥ 7000	:7.3	91.7 92.1	71.7 92.1	91.7 92.1	91.7	91.7	91.7 92.1	91.7	91.7	91.7 92.1	91.7 92.1	91.7 92.1	91.7 92.1	91.7 92.1	91.7 92.1	91.7
≥ 6000 ≥ 5000	39. 89.3	93.7	93.7	93.7 94.7	92.7 94.7	23.7	93•7 94•7	93.7	93.7	93.7	93.7 94.7	93.7	93.7 94.7	93.7 94.7	93.7 94.7	93.7 94.7
≥ 4500 ≥ 4000	91.2	96.2 96.9	96.2 96.9	95.2 96.9	96.2 96.9	96.9	36.2 36.9	96.2 96.9	96.9	1	96.2 96.9	າຣ•2 96•9	96.2 96.9	96 • 2 96 • 9	96.7	9(.1 96.9
≥ 3500 ≥ 3000	92.4	२ <b>७.</b> ∙ १४.6	98.0 98.6	98.0 98.0	98.6 98.6	98.0 98.6	98.0 98.6	98.5 28.6	93.E	98.L 98.6	98.3 99.6	98.6 98.6	98.6 98.6	98.0 98.6	98.€ 98.5	98.6 98.6
≥ 2500 ≥ 2000	92.7	99.1	99.1	99.3	99.3	99.3	99.3 99.4	99.3 99.4	99.4	99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	1 - 1
≥ 1800 ≥ 1500	52.7 →2.7	99.1 99.1	97.2	99.6 99.6	99.6	99.6		99.6 99.7	99.6 9 <b>9.</b> 7	1	99.6 99.7	99.5	99.6		59.6 39.7	
≥ 1200 ≥ 1000	5.7 • d 32 • E	99.3	99.4		- 1	99.9		9 <b>9.9</b> 9 <b>9.</b> 9	99.9	_	99.9	99.9 99.9		99.9	99.9	99.9
≥ 900 ≥ 800	92.3 92.0	99.3 99.3	99.4 99.4	99.3 99.8	99 <b>.9</b> 99 <b>.9</b>	79.9 79.9		99.9 99.9	99.9		99.4 9 <b>9.</b> 9	99.9		9 <b>9.</b> 9	99.9 99.9	99.5
≥ 700 ≥ 600	92.3	99.3	99.4	99.8	99 <b>.9</b>	99.9		99.9 99.9	99.9		99.5 99.3	99.9 99.9		9 <b>9.</b> 9	99.c	99.9
≥ 500 ≥ 400	92 • 9 42 • 3	99.3	99.4	99.6	99 <b>.9</b> 99 <b>.9</b>	99.9 99.9	99.9		99.9 100.0	160.0	166.0	99.9 186.3	99.9 105.0	99.9 100.0	99.9 100.5	100.0
≥ 300 ≥ 200	92.9 92.9	99.3	99.4	99.8	99.9 99.9	99.9 23.9			130.0 130.0		1CC	100.0 100.0	140.5 140.5	150.U 190.Q	100.0 100.0	100.0 100.0
≥ 100 ≥ 0	92.3 92.3	99.3	99.4	99.8 99.8	99.9	99.9	,	100.0 100.0	160.5 185.5	100.0	100.0 140.0	100.0 103.0		170.0 190.6	100.0 10 <u>0.</u> 0	16C 16C

USAF ETAC JUL 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBS

DELPAL CERMATOLOGY DRANCH COURT AC AT ANATHON SERVICE/MAC

### CEILING VERSUS VISIBILITY

STATION STATION NAME VEAS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES-						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 7	≥ 2	≥17	≥1%	1 ≤	≥ 4	≥ "₀	≥ ;	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	02.5 01.2	64.1 22.9	54. 82.0	54.1 32.9	64.1 87.9	54.1 32.9	64.1 82.9	54 • 1 = 2 • 9	64.1 o3.0	64.1 82.9	64.1 82.5	64.1 82.9	64.1 62.9	64.1 62.9	64.1 37.9	64.1 82.9
≥ 18000 ≥ 16000	87.3 51.3	°3.0 44.1	33.	33.0 94.1	87.0 84.1	33.0	33.0 €4.1	53.0 34.1	63.1 54.1	83.1 84.1	83.5 84.1	83.5 84.1	83.C 54.1	33.0 34.1	33.C 84.1	93.0 84.1
≥ 14000 ≥ 12000	32.6 33.9	35.7 87.0	85.7	95 • 7 8 7 • 0	85.7 87.5	85.7 87.0	85.7 87.0	95.7 87.0	35.7 37.	85.7 37.0	85.7 87.1	85.7 87.	55.7 57.0	65.7 67.5	85.7 87.0	35.7 87.0
≥ 10000 ≥ 9000	85 • 3 86 • 4	39.8 39.9	83.8	88.8 89.9		88.3 89.9	88.8 89.9	89.9	89.9	88.8 89.9	38•8 8 <b>9•</b> 9	88.3 89.9	63.9 89.9	88.2 89.3	89.8 89.9	86.8 89.9
≥ 8000 ≥ 7000	e7.7	91.4 92.4	91.4 92.4	91.4 92.4		91.4 92.4	91.4 92.4	91.4 92.4	91.4 92.4	91.4	91.4 92.4	91.4 92.4	91.4 92.4	91.4 92.4	91.4 92.4	91.4
≥ 6000 ≥ 5000	89.5 12.1	93.5 94.4	93.5 94.4	94.4		73.5 94.4	93.5	93.5	92.5	93.5 94.4	93.5	93.5 94.4	93.5	93.5 54.4	93.5 94.4	93.5
≥ 4500 ≥ 4000	90.8 91.8	95.6 96.8	95.6 96.3	95.6 96.8	95.8	95.6 96.8	95.6 96.9	96.8	95.6	95.6 96.d	96.8	95.6 96.8	95.3	95.6 96.8	95.6 96.8	95.6 95.6
≥ 3500 ≥ 3000	91.9 92.3	97.6 95.7	93.3	93.8	98.8	3.5≎	97.6	98.8	97.6 98.3	98.8	98.6	97.6	97.6 98.8	97.6 98.6	97.6 98.3	97.6 95.6
≥ 2500 ≥ 2000	73.1 13.1	99.1	99.4	99.6 99.6	99.6	99.6	99.6	c9.6	99.6 99.6	59.6	99.6				99.6 99.6	99.6
≥ 1800 ≥ 1500	93.1	99.1	99.4	99.6 99.3	99.8	99.8	99.6	99.8	99.6	99.6	99.8	99.6	99.5 99.8	99.5	99.6	99.0
≥ +200 ≥ 1000	93.4	99.3		99.9	99.9	99.8	99.8	99.9	99.8 99.9		99.9	99.8 99.9		99.5	99.8	
≥ 900 ≥ 800	-3.4 -3.4	79.4	99.8	99.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 700 ≥ 600	93.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400	93.4	99.4	79.5	99.9	99.9	99.9	99.9	99.9		100.0	160.0				99.9	150.0
≥ 300 ≥ 200	93.4 93.4	99.4	99.8	99.9	99.9	99.9	99.9	79.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	156.5 154.5
≥ 100	93.4 93.4			99.9	1 :	99.9	99.9	1 1			100.0 100.0			100.0		155.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC TUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LECHAL CLIMATOLOGY HRANCH. C. 25:100 TO THE TARK TO SEMATORNAY

## CEILING VERSUS VISIBILITY

REANERY SPACE CENTER FL

57-7-,72-2

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM MOURLY OBSERVATIONS)

1 7 - 2 7 C C

CEILING			_				VIS	BILITY ST	ATUTE MIL	ES						
-FEET:	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	21.7	≥1 a	≥1	≥ 1,	≥ ¾	≥ ′′ን	≥ 5 · 16	≥ .	≥0
NO CEILING ≥ 20000	72.2	73.4	77. 61.		* : • C	• 2	1:	73.0	73.	77.0	73.D 65.2	73.0 85.2	73.1 65.2	73•. ∂5•2	73.7	95.2
≥ 18000 ≥ 16000	-3.4 -4.4	25.2 36.6	35.1 86.0	1	55.02 86.06		° 06.6	-5.2 36.€	45.7 26.6	ر. د د د د	55.7 86.6	25.2 83.€	35.2 86.6	55.2 26.6	35.7 36.6	45.2 26.6
≥ 14000 ≥ 12000	1 E 9	6.9 6.8 9.0	86 °	9 0 1	3 9	1, . 9	მ1•°°	36.9 25.3	ეგ.9 გნ•	36.9 26.0	&€.9 38.0	85.9 86.	86.9 68.0	86 • 5 88 • 1	86.7 88.0	86.9 88.0
≥ 10000 ≥ 9000	26.3 ≈7.9	9.9	87.	39.00 9.00	d • 6	• 4 • 5 - • 9	40.5	89.5 0.9	99.5 9.0	9.05	89.6 90.7	9 . 9	89.6 9.9	89.6 93.9	39.6 90.9	69.0 01.5
≥ 8000 ≥ 7000	გწ.ე <b>ე</b> 9.3	92.6	92.1	, , , , , , , , , , , , , , , , , , ,	. 6	1 4 • 4	52.02 72.00	72.2 92.6	92.2 92.3	92.5 92.6	92.8 92.6	92.2 92.6	92.2 92.6	92.2 92.6	92.2 92.5	92.0 92.0
≥ 6000 ≥ 5000	90.5 91.3	94.3 95.3	94.1	94.3 99.3	74.3 4:.2	74.3	94.3	94 • 3 95 • 3	54.3 95.3	94.3 95.3	94.3	94.3 95.3	94.3 95.3	94.3	94.3 95.3	74.5 5.3
≥ 4500 ≥ 4000	92.4 92.1	96.6 96.9	96 • 4 96 • 4	75.5 96.9	74.6 96.9	35.5 46.9	36.6 96.9	96.5	96.5 96.9	96.9	96.0	96.6 96.9	96.6 96.9	96.5 96.9	96.6 96.9	50.5 50.5
≥ 3500 ≥ 3000	94.7	98.2 9.3.9	96.	39.2	98.2 90.5	75.2 49.3	98.2 39.0	98.2	98.2 99.1	98.2 99.0	98.2 99.	90.2 99.0	98.2 99.0	98.2 99.0	98.2 99.0	98.2 99.1
≥ 2500 ≥ 2000	94.9 75.5	99.1	99.4	99.2	99.2 99.4	1	99.4	99.4	99.2 99.4	99.2	99.2 99.4	99.2 99.4	99.2 99.4	99.2 99.4	99.2 99.4	99.2
≥ 1800 ≥ 1500	55.1 95.1	99.3	99.4 99.4	99.4 99.4	99.4	79.4	99.4	99.4	99.4 99.4		99.4 99.4	99.4 99.4	99.4	99.4	99.4	9.4
≥ 1200 ≥ 1000	95 • 1	99.4 99.4	99.6	99.6	99.6		99•6 99•6	99.6	99.6 99.6	99.6 99.6	99.5 99.6	99.5	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6
≥ 900 ≥ 800	75.2 55.2	99.7	99.8	99.8	99.8		99.8 99.8	99.8 99.3	99.8	99.8 99.3	99•8 99•8	99.8 99.3	99.8 99.8	99.3 99.8	99.8 99.8	99.8 99.9
≥ 700 ≥ 600	95 • 2 95 • 4	99.7	99.6	99.3	99.8 99.9		99.8	99.8	99.8 99.9		99.8 99.5	99.8 99.9	99.8	99.9	99.9	99.5
≥ 500 ≥ 400	95.2 95.2	99.7	99.2		103.0 100.0	1 18.0 135.0	100.5 100.5	196.0 196.0	130.5 165.6	180.8 166.3	190.7 190.5	100.3 184.0	100.0 100.0	160.0 160.0	160.⊓ 166.0	100.0 100.0
≥ 300 ≥ 200	95.2 95.2	99.7	99.8 99.3	100.0 105.0	100.0 100.0	100.3 100.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 105.0	190•0 186•0	100.0 110.0	160.6 166.5	100.7 100.7	166.5 156.5
≥ 100 ≥ 0	0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	99.7	99.3 99.3		,	150.0 170.0	100.0 100.0	100.0 100.0		100.0	100.0 100.0	100.0 100.0	100.0 100.0	150.0 150.J	163•8 14 <u>9•</u> 8	195.5 195.5

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC 10164 0-14-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AU NO CETYATOLOGY 1944.CH Jurgitec Die Jati 19 Strylelyyac

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4-7-73-6

ALL

/ EUNG							vi5	BILITY ST	ATUTE MIL	<b>E</b> S	-		-			
1661	•	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	21.2	≥1.4	≥1	يا ≲	≥ 20	ל' ב	≥5 16	≥ .	≥0
NO CEUNG 2 20000	16.		5 . s	1	.1.2	1.2	u1.?	55.7 1.2	±4.7 ≤1.2	65.9 31.3	65.9 81.7	65.9 81.3	66. 51.4	56 81.4	66." 81.4	fu.1 61.5
≥ 18000° ≥ 16000°	76.4 77.	1.5	51. 31.	1 • 2 • 1	cl.5	1.5 2.3	01.5 02.3	#1.5 E2.3	1.5 22.3	7 Î.C 8 Ž.4	31.6 37.4	81.6 82.4	81.6 82.4	51.0 82.4	\$1.7 \$2.5	21.7 62.5
≥ 14000 ≥ 12000	77.3	52.5 24.1	۶.°• د با • ب	03.1 4.7	: * • [ • 4 • 9	34.9	៩ ₹ • 3 ខ <b>4</b> • ¤	34.9	13.3 84.9	33.3 ∂5.0	83.3 85.5	93.3 35.0	63.4 65.0	93.4 85.0	93.4 65.1	83.5 *5.1
≥ 10000 ≥ 9000	1	57.3	3c.4	27.9	0:01	18.1	38.1	26.9 0.1	86.5 63.1	87.1 88.2	87.r 88.2	87.1 88.2	27.€ 33.2	67.0 68.2	87.1 88.3	67.1 88.2
≥ 8000 ≥ 7000	· 3 • 7	£ 3 . 3	85.1 99.7	34.4	87.6 7.1	8 b	39.7	89.7 40.1	89.7	89.7 91.2	89.7 91.2	37.7 91.2	89.8 93	89.8 90.3	89.3 90.3	89.5
≥ 6000 ≥ 5000	30.3	31.5	90.7 92.3	71.1 72.4	71.3 77.7	91.3	51.4 52.7	91.4 92.7	91.4	91.4	91.4	91.4	91.5	91.E	91.5	91.6
≥ 4500 ≥ 4000	57.1	93.3	93.0	94.9	94.1	94.1 95.1	94.2 95.2	94.2	94.2	94.2	95.2	94.2	94.3	94.3	94.3	94.4 53.4
≥ 3500 ≥ 3000	33.3	95.7 95.4	96.1	97.2	95.6		95.5 97.4	97.4	96.6	96.7 97.5	96.7	96.7	96.7	96.7	97.6	96.5
≥ 2500 ≥ 2000	89.4	97.3	97.5	93.2	97.9	97.9	93.4	98.4	98.4	98.0 98.5	98.0 98.5	98.0 98.3	93.6	98 • b	98.6	93.7
≥ 1800 ≥ 1500	89.5 89.5	97.4 97.6	98.1	98.3	99.5	73.5 73.7	98.6	98.8	98.6	98.6 98.8	98.6 98.8	93.6	98.7	98.7	98.7	93.0
≥ 1200	39.7	97.8 97.7	98.4	93.7 93.8	95.9 99.0	78.9	99.0 99.1	99.5 99.1	99. 99.1	99.0	99.2 99.3	99.0	99.1 99.2	99.1	99.2 99.3	99.3
≥ 900 ≥ 800	89 . 8 89 . 3	98.0 98.0	92.5	95.9	99.2	99.2	99.3	29.3	99.3	99.3	99.7	99.4	99.4	99.4 99.5	99.4	99.5
≥ 700 ≥ 600	89.3	98.2	99.7	99.1 99.2	99.6	99.4	99.5	99.6	99.5	99.6	99.6 99.7	99.6 99.7	99.6	99.5 99.5	99.7	99.7
≥ 500 ≥ 400 ≥ 300	59.8 39.8	98.3	99	99.3	99.6	99.6	39.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	50.0	
≥ 200	87.1	93.3	98.3	99.3	99.6	99.6	99.7	99.7	99.7	99.8	95 R	97.8	99.9	99.9	99.9	100.0
≥ 000	F / - 2	95.3	99.	99.3	99.6	99.6	99.7	99.7	39.7	99.8	99.5	99.5	99.9	99.9	99.0	

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLET

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LOUGH OF THE TOESTY TRANSH LANGUATED ATHER SERVICEZMAS

## CEILING VERSUS VISIBILITY

KINNEDY SPACE CINTER FL

39-71,73-8

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IST

CEILING							VIS	BILITY ST.	ATUTE MILI	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1 %	≥1 ′₄	≥1	≥ 1,4	≥ '⁄•	≥ %	≥ 5 16	2.4	≥0
NO CEILING ≥ 20000	04.3 7 <b>7.</b> 1	53. 31.4	6° • 1 81 • 1	53.1	6 • 1 3 1 • 6	63.1 31.6	50.1 51.6	68•1 ÷1•5	65.1 21.6	58 • 1 8 1 • 6	6°•1	6 · · 1 81 · 6	6 · .1	68.1 21.3	69.1 21.6	(:•1 -1•6
≥ 18000 ≥ 16000	77.1 73.	31.4	81.4 82.5	81.6 82.6	81.6 32.6	51.6 22.6	81.6 82.6	92.6	61.5 62.6	01.6 92.6	32.6	81.6 82.6	61.6 62.6	71.0 32.€	91.6 52.6	31.6
≥ 14000 ≥ 12000	76.6 01.1	32.9 95.7	83. 35.2	43.1 35.9	83.1 85.9	95.9	83.1 85.9	93.1 95.9	ძ3•1 პ5•∩	83.1 85.9	33.1 85.0	83.1 85.9	53.1 25.9	23.1 25.4	83.1 85.9	33.1 55.9
≥ 10000	-6 · 3	કે8•7 ગ1•2	83.3 91.5	38.9 31.4	95.9 91.4	98.9	40.9 91.4	88.9 91.4	58.9 51.4	28.9 51.4	88.9 51.4	38.9 91.4	85.9 71.4	38.9 91.4	36.9 91.4	91.4
≥ 8000 ≥ 7000	27.0 ∪7.4	93.6	92.7 93.1	93.2	93.2	92.8 3.5	92.9	93.2	90 • º	94.3	92.5	92.8	92.8 93.2	92 • 4 93 • 2	92.8 93.2	92.3
≥ 6000 ≥ 5000	27.7 58.6	93.3	94.3	\$3.5 \$4.4	93.5	94.4	93.5	93.5	93.5	93.5	93.F	93.5	97.5	93.5 94.4	93.5	54.4
≥ 4500 ≥ 4000 ≥ 3500	89.5 57.4	95.3 96.7	95.4	95.5 96.9			95.5			95.5 96.9		95.5	95.5 96.9	95.5	96.0	95.9
≥ 3500 ≥ 3000 ≥ 2500	95.9 91.4 91.7	97.6	97.3 97.3	77.4 78.0 92.7	97.4 98.0	97.4 93.5 98.7	97.4 98.0 98.7	97.4 98.5	93.7 93.7	97.4 98.7	97.4 98.7	97.4 98.0	98.0 98.7	97.4 98.0	98.0 98.0	97.4
≥ 2000 ≥ 1800	92.1 92.1	99.0	99.1	99.2	59.2	99.2	99.2	29.4	99.5	99.2	99.2	99.2	99.2	99.2	98.1 99.2 99.4	99.4
≥ 1500	93.6	99.5	99.7	59.8	99.8	59.8	99.8	99.8	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	92.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9
≥ 800 ≥ 700	92.5	99.6	36.3	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.5
≥ 600	92.5	99.6		99.9	99.9	99.9	99.9		99.9	99.9			99.9	99.9	99.9	99.5
≥ 400	92.6	99.6		99.9	99.9	99.9	99.9		99.9	99.9		99.9	99.9 168.E	99.9 100.c	99.9 160.6	99.9
≥ 200	,2.6	99.7	99.9	105.0	100.0	173.0 190.0	100.0 100.0	100.0				100.0	180.0	100. 100.	162.5 162.8	100.u
≥ 0	,2.6	29.7	99.7		100.0						166.8	T			105.3	10.5

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USIN AL CLIMATOLOUY ROARCH RIGHTAC ATT ACATHON SERVICE/MAC

## CEILING VERSUS VISIBILITY

NUMBER OF STATE OF STEP FL

69-76,73-85

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				<u>-</u> '			VIS	BILITY ST	ATUTE MIL	ES-						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.9	≥1'•	≥1	≥ ¹₄	8،ر ≤	≥ ;	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	23.4 73.1	्र स स स	ნ∂. 84.?	65 • 1 94 • 3	6°.1	69•1 54•3	63.1 34.3	54.3	0″.1 4.3	6 c • 1 14 • 3	€0.1 54.7	61.1 24.3	55.1 34.3	68 • 1 34 • 3	68.1 94.3	65.1 64.3
≥ 18000 ≥ 16000	73.4 79.9	કુક કુક કુક	84.5 85.4	84.6 35.3	54.6 55.3	34.6 35.3	84.6 85.3	94.6 85.3	84.6 85.3	34.6 55.3	54.6 85.7	24.6 25.3	34.6 35.3	84.0 85.3	84.6 85.3	84.5 35.3
≥ 14000 ≥ 12000	79.5 61.4	35.7	85.7 87.1	45.€ 98.∪	35.8 38.7	85•8 33•8	35.3 88.0	25.8 88.0	35.5 88.	85.3 85.3	85.0 88.	გე. გე. გ	a5.8 33.€	85.1 83.1	45.8 88.0	£5.5 9 <b>6.</b> €
≥ 10000 ≥ 9000	54.3 54.3	99.8	39.0 91.	39.9 71.4	89.9 91.4	39.9 91.4	89.9 91.4	99.9 91.4	39.5 91.4	89.5 91.4	89.9 91.4	89.9 91.4	89.9 91.4	89.9 91.4	89.9 91.4	99.5
≥ 8000 ≥ 7000	34.3 35.3	91.5 92.2	91.5 92.7	91.9	91.9 92.3	91.9 92.3	91.9 92.3	92.3	91.9 92.3	91.9	91.9 92.7	91.9 92.3	91.9 97.3	91.3 92.3	91.9	91.9
≥ 6000 ≥ 5000	05.5 36.4	92.5 93.1	92.5 93.1	92.6 93.2	92.6	02.5 93.2	92.6 93.2	92.6 93.2	92.6 93.1	92.c	92.6 93.2	92.6 93.2	92.6 93.2	92.6 93.2	52.5 53.2	92.0
≥ 4500 ≥ 4000	₹ <b>7.</b> 5	94.1	94.1 94.9	94.2 95.1	94.2	74.2 95.1	94.2 95.1	94.2 95.1	94.7 95.1	94.3 95.1	94.2 95.1	94.2 95.1	94.2	94.2	94.7 95.1	СЩ.; СБ.1
≥ 3500 ≥ 3000	38.4 59.7	96.5	96. 96.н	96.1 96.9	96.9	96 • 1 96 • 9	96.1 96.9	96.9	96.3	96.1 98.9	56.1 96.9	96 • 1 96 • 9	96 • 1 95 • 9	96.1 96.9	96.1 95.9	96.1 96.9
≥ 2500 ≥ 2000	ღ <b>9.4</b> ეწ.9	97.0 98.1	97.3 98.2	97.4 98.4	99.4	1	97.4 98.4	97.4 98.4	97.4 99.4	97.4 98.4	97.4 98.4	97.4 98.4	97.4	97.4 98.4	97.4 98.4	90.4
≥ 1800 ≥ 1500	59.9 39.9	98.1 93.1	93•2 93•2	99.4 98.4	94.4	98•4 98•4	58.4 53.4	98.4	93.4 98.4	€ 4.4 53.4	98.4 98.4	93.4 98.4	93.4 98.4	98.4 98.4	98.4 99.4	65°4
≥ 1200 ≥ 1000	93.9 95.4	78•2	92.3 98.7	98.5 98.9	93.5 98.9	93.9	98.5 93.9	93.5 98.9	98.5 98.9	98.5 90.9	98.5 98.9	95.5	93.5 98.9	98.5 98.9	98.5 98.9	98.5
≥ 900 ≥ 800	90.4 90.5	78.7 74.8	99.c	99.E	99.C	99.1	99.0 99.1	99.1	99.1	99.0	95. 99.1	99.L	99.T	99.0 99.1	99.3 99.1	99.5
≥ 700 ≥ 600	90.5 90.6	99.8	99.	99.1 99.5	99.1 99.5	79.5	99•1 99•5	99.1 99.5			99.1 99.5	99.1	99.1 99.5	99.1 99.5	99.1 99.5	99.5
≥ 500 ≥ 400	97.69 97.69	99.1	99.0 99.5	99.5 99.3	99.5 99.8			99.5 99.8	99.3	99.8	99.5 99.8	99.5 99.8	99.5 99.8	99.5 99.3	99.8	99.4 99.4
≥ 300 ≥ 200	9 J • 9	99.7 99.7	99.6		135.8 133.8		120.0	100.J	160.0	100.0 156.0	100.0	103.6 0.201	160.6 164.0	1	¹50.0 100.0	180.0 160.0
≥ 100 ≥ 0	90.9	99.7		100.0 100.4	155.0 155.0					100.0 100.0		105.3		100.0 100.0		

TOTAL NUMBER OF OBSERVATIONS...

USAF ETAC FORM IN 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL CLIMATOLOGY TRANSH STRIAG STRIAGETTS SERVICE/MA.

## CEILING VERSUS VISIBILITY

WEANEDY SPACE CENTER FL

69-75,73-6

MONTH .

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

51.0-131

CEILING							vis	BILITY ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥17	≥1.	≥1	≥ 1.	≥ '8	≥ ¬	≥5 16	≥.	≥0
NO CEILING ≥ 20000	47.2 03.3	54.5 72.7	55.7 73.7	56 • L 74 • 4	5 5 • 7 75 • 1	56.7 73.1	56.7 75.2	56.7 75.2	36.7 75.2	50.4 74	56.4 75.4	50.4 75.4	50.9 75.4	56.5 75.4	56.9 75.4	57.1 75.6
≥ 18000 ≥ 16000	6.2.4 03.4	72.8 74.1	73.4 75.1	74 • 5 7 = • 5	75 • 2 76 • 5	70 • 2 76 • 5	75.3 76.6	75.3 76.6		75.5 76.5	75.5 76.3	76.5 76.5	7∹•5 7ۥ3	75.5 76.3	75.5 76.5	75.7 77.6
≥ 14000 ≥ 12000	67.2	75.3 75.9	76.9 79.9	77 • . 31. • 6	77.6	77.6	77.7 51.5	77.7	77.7	7° • .	7°. 51.7	70.0 31.7	75.7	78.5 81.7	75.0 81.7	75.0 81.9
≥ 10000 ≥ 9000	49.7 71.0	41.1 -3.2	8 34 . 4	32.9 35.2	93.7 35.9	33.7 35.7	33.9 36.3	£3.8 °6.0	50.4 65.	84. 86.2	54. 66.€	34.7 85.2	54.5 56.2	86.2	64.F	64.5
≥ 8000 ≥ 7000	71 • 2	94.2 85.6	85.4 86.3	35.1 87.5	86.9 88.3	50.9 53.3	37.0 83.4	77.0 38.4	57. 08.4	17.3 38.€	37.0 56.0	87.2 38.6	37.2 38.6	87.2 88.6	67.2 89.6	57.4 88.2
≥ 6000 ≥ 5000	73.9 74.5		87.5	38.4	59.1 9.2	35.1	95.2 75.3	90.3	80.1 90.3	89.5 0(.5	9°•°	89.5 90.5	89.5 97.5	89.5 90.5	89.3 30.5	9.7
≥ 4500 ≥ 4000	75.4 76.1	26.2 39.4	8 7 . 4	91.02 71.05	91.2	01.2 92.6	71.3 72.7	91.3	91.3	91.5	92.5	91.5	91.5	92.4	31.5	51.7 93.1
≥ 3500 ≥ 3000	76.6 76.7	39.3 92.0	91.	71.9 92.2	93.0	33.0 73.2	93.1	93.1 73.3	93.1 93.3	91.3	93.3	93.5	93.3	93.2	57.3. 93.5	53.5 93.5
≥ 2500 ≥ 2000	77.4	91.4	92 • h	92.d 93.d	93.9	93.9	95.2	54.0 55.2	95.2	94.2 95.4	94.2 95.4	94.2	94.2		94.7 95.4	94.4
≥ 1800	7 <b>7.</b> 2	92.2	93.1	94.1 74.5	95.2 95.7	95.2 95.7	95.5 96.0	76.5	95.5 96.1	95.7	95.7 96.2	95.7 96.2	95 • 7 96 • 2	96.2	95.7 96.2	95.9 96.5
≥ 1200	7. • 1 7 • • 1	93•1 93•2	94.0	95.6 95.7	91.8	97.0	97.1	97.3	97.1	97.3 97.5	97.3 97.5	97.5	97.3	97.3 97.5	97.5	97.5
≥ 900 ≥ 800 ≥ 700	7: • 4	93.2 93.0 94.1	94.7 95.3	96.2	97.5 97.8	97.5 97.5	57.3 97.8	97.3 97.5 98.2	97.3 97.9	97.5 98.1	97.5 98.1	97.5 94.1 98.4	97.5 98.1 98.4	97.5 58.1	97.5	97.7
≥ 600	7 : . 6 7 ⊱ . 6	94.1	95.6 95.8	96.6 96.6	97.8	97.8 93.1	98.2 98.4	98.2 98.4	93.4	98.4	98.4 98.7	98.4	98.4	98.4 98.7	99.4	96.5
≥ 500 ≥ 400 ≥ 300	75.0	94.0 94.0	95.5 95.5	95.5 97.5	98.8	99.8 95.8	99.1	99.1	99.1	99.5	99.5	99.5 99.6	99.5 99.6	99.5	92.7 99.5	95.9
≥ 100	78 . u	94.8	96.5	97.5	95.9	73.9	99.2	59.2	99.4	99.7	99.8	99.8	99.8	79.5 79.5	99.F	1
≥ 0	7	94.4	96.7	97.5	25.9	98.9	99.2	09.2	99.4	69.7	99.8	99.8	99.8	99.8	99.8	1-2-0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

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LOUGHT OF TOE TOE THAT CHILD OF THE STHIN SERVICE /MAG

## CEILING VERSUS VISIBILITY

TATION STATION NAME

STATION NAME

STATION NAME

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILLITY ST.	ATUTE MILI	ES						
. FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥۱ շ	≥1.	≥1	≥ ધ	8,८ ₹	≥ ;	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	10.1	74.7	55.4 77.0	53.6 75.6	5.6 75.€	35.0 75.∋	55.6 75.5	55.6 75.6	50.5 75.6	51.1 75.8	55. 75.	55.0 75.8	55.8 75.8	95 75.r	55.1 7=.4	75.91
≥ 18000 ≥ 16000	09.4 7.00	75.1 76.5	75.5 76.5	75.9 77.3	75.9 77.3	75.9 77.3	75.9 77.2	75.9 77.3	7	75.1 77.0	76.1 7 <b>7.</b> 5	75.1 77.5	75.1 77.5	76 • 1 77 • 5	76.1 77.5	76 • 1 77 • 1
≥ 14000 ≥ 12000	71.9 74.7	73.0 41.2	74.4 91.6	78.0 34.	79	73.8 ~2.0	78.9 :2.7	78.8 22.0	78.5 a2.	79. 61.3	79. 22.3	79.0	79.5 37.3	79.1 12.3	79." :2.3	79.1 82.3
≥ 10000	77.1	84.1 05.5	84.5 35.7	34.9 86.3	34.9 34.3	24.9 16.3	36.3	34.9 76.3	36.3	85•2 86•6	25.2 86.€	85•4 85•6	35.2 65.6	:5.2 36.6	54.0 56.6	93.2 93.5
≥ 8000 ≥ 7000	71.7	97.1	85.F 87.	47.2	37•2 33•0	57.2 25.3	37.2 38.0	37.2 58.0	27.3	37.4	57.4 38.3	67.4 82.2	57.4	57.4 88.2	58.2	27.4 68.5
≥ 6000 ≥ 5000	.1	78.4 85.4	87.4 87.5	39.8	33.8	23	58.3 75.3	66.8 90.3	20.2 20.±	89.0 96.5	89. T	89.1 90.5	30.5 90.5	59. 90.5	99.5	29.51 1.00
≥ 4500 ≥ 4000	2.4	7 . 4	91.4	71.7	91.6	91.5	91.7	92.2	91.7	91.9 93.4	52.4	97.4	91.9 92.4	91.9	92.4	~1.4 <u>}4</u>
≥ 3500 ≥ 3000	02.7 03.9	92.7	93.	72.6	9:.7	92.7	98.8	92.8 94.0	97. 14.	94.2	97.0	93.0	93.C	93.0	94.2	13. (
≥ 2500 ≥ 2000	4	03.3	93.9	94.4 96.3	94.5	4.5 70.1	94.6	94.6	94.E	°4•3 90•5	94.0	94.8 96.5	94.8 96.5	94.5 96.5	54.5 56.5	94.5
2 1800 2 1500	6 • J	90.4	95.5	96.5	96.6 97.3	77.3	56.7 57.4	97.4	96.7	96.9	96.9 97.5	96.9 97.5	96.9 97.5	96.7	96.9 97.5	96.5
≥ 1200 ≥ 1000	7.	97.5		93.7	91.8	78 • 3 98 • 8	99.0	49.0 99.0	99.1	95.2 09.2	99.7	99.2	99.2	99.2 99.2	99.2	99.2
≥ 900 ≥ 800	7.5	97.5	93.1	98.7	90.4 90.4	93.2 59.4	99.6 99.6	99.6	99.0 99.4	99.2 99.8	99.9	99.8 99.8	99.2 99.3	29.3	99.2 99.8	99.5
≥ 700 ≥ 600	7.3	95.1 96.1	98.5	79.2	99.4	29.4	99.7	99.8	99.8	100.	160.0	100.0	160.0	100.0 100.0	99.6 105.0	1130
≥ 500 ≥ 400	1.	93.1	97. 95.	99.2	99.4	79.4	59.7	99.8	99.4	"]	160.1	193.0	1 .0.0	1.0.	105.1	1
≥ 300 ≥ 200	7.5	98.1	93.4	94.2	94.4	59.4	99.7	99.8 09.8	99.8	150.0	1.0.0 1.0.0	165.0	1	1.0	1 . 7 . 7	1
≥ 100 ≥ 0	57.	35.1	99.6	77	59.4	- 9 - 4	99.7	79.3				100.0	163.0	100.0	175.0	

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A102 401	AIR FORCE ENVIRONM KENNEDY SPACE CENT MAY 81	ENTAL TECHNIC ER, FLORIDA.	AL APPLICATION REVISED UNIFOR	S CENTER-E	TC F/G 4/2 . F SURFAETC(U)
UNCLASSIF IED	UAFETAC/DS-81/062		SBIE-AD-E850	093	NL
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## CEILING VERSUS VISIBILITY

STATION STATION NAME TEAST

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	_						VIS	IBILITY ST	ATUTE MIL	ES	_	- · -				
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.%	≥172	≥1	≥ ¼	≥ %	≥ >	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	49.1 71.7	51.9 75.5		52 <b>.7</b> 76.3	11•8 76•5		32.5 76.5	52.a 76.5	1 :	52.5 76.5	52.7 76.5	52.8 76.5	52.8 76.5	22.2 76.5	52.4 76.5	5 ± • 51 76 • 51
≥ 18000 ≥ 16000	71.9	75.6 75.1	76 • 3	76.5 77.2	75.5 77.1	76.6 77.1	76.5 77.1	76.5 77.1	76.0 77.1	76.6 77.1	76 . E	76.6 77.1	76.6 77.1	76.5 76.1	76.6 77.1	70.5
≥ 14000 ≥ 12000	73.7	75.2 61.9	7°.9	79. 22.6	79•1	79.1 32.9	79.1 22.9	79.1	) ' !	79.1 32.9	79.1 82.9	79.1 82.9	79.1	79.1	79.1 62.9	77.1
≥ 10000 ≥ 9000	79.9 50.0	я5.5 43.6		26.5 87.6	25.6	,	36.5 37.7	26.6 87.7	36.5 37.7	66.6 67.7	85.6 87.7	86.0 27.7	36.5 67.7	25.6 97.7	66.6 87.7	36.6 97.7
≥ 8000 ≥ 7000	52.2	73.1 98.5	85 8¢.5	29.1 29.5	89.2 89.7	87.2 39.7	89.2 89.7	89.2 89.7	89.7 39.7	89.7 89.7	89.2 89.7	89.7	89.7	89.2	69.7 89.7	35.
≥ 6000 ≥ 5000	92.5 92.5	39.0 39.5	9 4	90 • 2 9 € • 6	90.3 90.8	90.3 98	90.3 90.8	90.3 90.3	1	90.3 90.€	90.3 90.5	97.3 97.8	90.3 90.8	93.7 90.4	97.3 90.8	6 9:
≥ 4500 ≥ 4000	63.1 64.1	90.3 9 <b>1.</b> 4	91.3 92.4	92.6	91.6 92.7	1	91.6 92.7	91.6	91. 92.7	91.0	91.6 92.7	91.6	91.6	91.4	91.6	6.1.4
≥ 3500 ≥ 3000	34.3	92.5 94.3	93.4 95.7	93.8 95.6	93.9 95.7	93.9	93 <b>.</b> 9	93.9	93.4	95.9	97.9 95.7	93.9	93.9 95.7	93.9	93.c	93.9
≥ 2500 ≥ 2000	36.7 27.5	95.2 96.5	96.1	76.7 98.3	96.8 93.5		96.9 98.7	96.8 98.8		6. 3 6. 3	96.8 98.8	96.8	95.8 99.0	96.3	36.8 99.5	96.8 99.3
≥ 1800 ≥ 1500	ುನೆ•.i	95.9	92.0	95.7 95.7	99.0 95.0		99.4	99.5		99.5 99.5	99.5	99.5	99.7 99.8	99.7	99.7 99.8	99.7
≥ 1200 ≥ 1000	:8.]	96.9 95.9	98.	99.7	79.0	99.0	59.4 59.4	99.5		99.5	99.5	99.5	99.8	99.3 99.3	99.F	99.8
≥ 900 ≥ 800	ੂਤ•ਾ ਵੂ <b>ਤ•</b> ੁ	96.9	96.	78.7 93.7	99.0	99.5	39.4 59.4	99.5		99.5	99.5	99.5 99.5	99.8	99.8 99.8	99.8	99.8
≥ 700 ≥ 600	-3.1	96.9 97.0	93. 9a.1	9a.7 98.3	99.7 99.1	9.3 9.1	99.4 99.5	99.5	99.5	99.5	99.6	99.5	99.9		99.9	59.3
≥ 500 ≥ 400	ამ•1 გვ•1	97.0 97.0	98.1	90.8 95.8	99.1 99.1	99.1 39.1	99.5 99.5	99.6	59.6 99.7	99.6	99.6 99.7	99.6 99.7	94.9 155.0	1	99.9 130.0	99.9
≥ 300 ≥ 200	58•1 -4•1	°7.0	93.1 93.1	94.8 94.8	99.1	99.1 99.1	99.5 99.5	99.7	99.7	99.7	99.7 99.7	99.7		190.U	166.0 169.0	150.0
≥ 100 ≥ 0	7 d • 4 :3 •	97.1 97.1	99.1 98.1	39.3 39.5	97.1 99.1	97.1 59.1	99.5 99.5	99.7	99.7 99.7	99.7	99.7 99.7	99.7		100. 100.0	1:0.0 1:0.1	101.0 101.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC PAGE 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

### CEILING VERSUS VISIBILITY

NOTABLE OF THE STATES FL

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	> 5	24	≥ 3	<b>≥2</b> .	≥ 2	≥1 ;	≥17.	≥1	≥ :4	≥ 'n	≥ 7	≥5 16	≥.	≥0
NO CEIUNG ≥ 20000	45.6 71.4	76.2	71.1	77.4	.1.º 77.4	17.4		1.0	77.4	77.4	51.0 77.4	51.0 77.4	77.4	77.4	77.4	77.4
≥ 18000 ≥ 16000	71.4 71.5	7c • 2	77.	77.4 7	77.4	77.4	77.4 75.	77.4 75.	77.4 73.	77.4	77.4 74.	77.4	77.4 75.0	77.4 78	77.4 75.5	77.4 76.1
≥ 14000 ≥ 12000	73.1 74.7	7:.1	7	79.2 11.4	7 • 3	7	79.7 21.1	77.2	70.7 51.1	79.0 21.1	79. :1.1	79.7 81.1	73.2 01.1	79.2	79.2 41.1	79.2
≥ 10000 ≥ 9000	7 ° • 1 7 = • 6	34.7 27.5	g ( c ²	° • 1	্ডু•ুরা ৪১•ুরী	37	á5.9 34.7	95.9 95.7	35.9 88.7	85.9 85.7	85.4 85.7	85.9 85.7	85.9 89.7	65.7 88.7	25.9 38.7	85.9 88.7
≥ 8000 ≥ 7000	• 3 • 0	12.5 15.6	g ⊆ . a g ⊆ . 7	• 0	55.7	34.7	30.7	89.7 (C.U	99.7	89.7 90.	8 <b>-</b> 7	89.7 91.1	84.7 5.00	29.7	89.7 90.0	£9.7
≥ 6000 ≥ 5000	- • \$ - 1 • 3	4 3 • 9 G • 5	91.	90 • 4 = 1 • 9	91.9	3 • 2 1 • 9	40.3 40.5	10.3 92.0	30.43 92.€1	96.3	90.3 92.0	92.3 92.0	91.3 92.5	95.1 62.1	92.	9
≥ 4500 ≥ 4000	-2.3 -2.5	0 0 13 00 0 0		9 7 • 7 4 • 4	92.7	3.7	94.3	93.8	93.	91.3	93.3	93.8	94.3	93.8 94.5	93.3	92.0 94.3
≥ 3500 ≥ 3000	23.4 24.2	93.5 94.5	94.5 96.	96.4 76.3	95.4 95.6	4 د: عون د	35.5 36.7	95.5	75. 76.7	96.5	95.5	95.5 96.3	95.5 96.8	95.3	95.5 96.3	36.6
≥ 2500 ≥ 2000	54.7 64.9	95.5	97. 97.5	97.4	5 7 . 7 9 5	97.7		99.	98.1 99.	98.2 99.1	99.2 99.1	98.2	98.2	98.2 99.2	98.2	99.2
≥ 1800 ≥ 1500	54 • 9 - 4 • 9	76.2	97.7	98.5	93.8	30.7 30.3	99.4	39.2 25.4	99.0	49.4 49.5	99.4	99.4	99.5 99.6	59.5 C9.0	99.5	99.5
≥ 1200 ≥ 1000	54.9 54.9	95.3	98.	98.5 36.6	95.0	78.9 78.9	99.5	09.5 C9.5	99.5	99.6 99.6	99.6 99.6	99.6	59.7	99.7	99.7	79.7 99.7
≥ 900 ≥ 800	34.7	96.3	98.	99.6 98.6	92.9	95.9 53.9	99.5	99.5	99.5	99.6	99.6	99.6	99.7 99.7	99.7	99.7	99.7
≥ 700 ≥ 600	₹4.9	9 6 6	98.	98.5	98.9	95.9 95.9	99.5 99.5	99.5	99.5		99.6	99.5	99.7	59.7 99.6	59.7 59.8	99.7
≥ 500 ≥ 400	54.5	96.3	98.0	73.6 78.0	98.9	98.9	99.6	99.6	99.6 99.6	99.7	99.8	99.8	99.9	99.9	30.5	39.9
≥ 300 ≥ 200	84.9 54.9	96.3	98.0	93.6 95.6	98.9	78.9		9.6	99.6	99.7	99.8	99.8	97.9	99.9	99.9	99.9
≥ 100 ≥ 0	64.3 54.9	96.5	98.1	98.6 93.7	93.9 99.0	73.9 53.5	59.6 25.7	59.6 59.7	99.6	99.7 99.8	99.9	99.8 99.9	99.9 1 [.[	99.9 1'0.:	99.9 100.0	99.9 150.0

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC JULIA 0-14-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CE AL CERMATOEGUY 1 A DA. J. N. TAG LINES SERVICEZANO

1 45 PENNEDY SPACE CONTENT FL 69-70,70-3

### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES.						
-FEET-	≥10	≥6	≥ 5	≥ 4	≥3	≥2 7	≥ 2	≥1%	≥1%	≥1	≥ 3⁄4	≥ %	≥ '5	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	45.3 59.2	74.5	49.1	45 . 2 75 . 4	45.5	4 : . 5 75 . 6		49.5 75.6	49.5 75.5	49.5	49.5 75.8	45.5 75.8		49.5 75.d	43.5 75.8	4,.5
≥ 18000 ≥ 16000	£9.5 77.5	74.7 75.4	73.2	75.6 76.2	75.8 75.5	75.3 75.5	76.7 76.7	75.0 76.7	76 • L 75 • 7	75.6 76.7	76.7	76.8 75.7	76.0 76.7	76 • 7	76.7 76.7	70 • 1 70 • 7
≥ 14000 ≥ 12000	71.1 73.2	76.3 79.1	76.3	77.2	77.4	77.4 S2.2	77.6	77.5	77.4 60.4	77.6 80.4	77.5	77.s	77.6 64	77.5	77.6 30.4	77.5
≥ 10000 ≥ 9000	76.7 79.4	33.9 6.5	84.4	34.8 87.4	55.2 87.7	2 • ذ <sup>4</sup> 3 <b>7 • 7</b>		85.4 88.3	25.4	51.4 85.4	35.4 88.	85.4 58.8	60 · 4	85.4 88.	65.4 63.1	°5.4
≥ 8000 ≥ 7000	77.5 39.3	37•7 c3•3	83.3 89.4	86.7 34.8	87.€ 9€.1	99.1 90.1	87.2 95.3	69.2 70.3	39.2 90.3	89.2	39.0 90.3	89 • 2 9 • 3	69.2 91.3	89.2 93.7	87.2 91.3	5 / • /. 9 [ • 2
≥ 6000 ≥ 5000	11.2 32.5	89.9 91.8	9].4 92.4	90.9 92.5	91.2 93.1	91.2 93.1		91.4 93.3	91.4 93.3		91.4	91.4 93.3	91.4	93.3	91.4 93.3	
≥ 4500 ≥ 4000	93.4 83.9	93.8 93.8	93.5	94.5	94.3 95.1	94.3		94.5			94.5 99.3	94.5	94.5 95.3	94.5	94.5	34 . g
≥ 3500 ≥ 3000	44.7 45.4	74.7 75.8	95•3 96•3	95.7 96.8	96.5 97.1	96.3	96.2 97.3	97.3	96.2 97.3	90 • 2 97 • 3	96.	96 • 2 97 • 3	96.2 97.3	96 • 2 97 • 3	95.2 97.3	96.3 91.3
≥ 2500 ≥ 2000	ა5.7 <u>ა€.</u> შ	96.2 96.3	96.5 97.4	97.3	97.8 98.6	97.3		96.1 65.8	98.1 98.8	98.2 98.9	98.2 98.9	98.2 98.9	98.2 93.9	48.2 98.9		7307
≥ 1800 ≥ 1500	66.1 66.3	96.9	97.5 98.1	95.1 95.5	98•7 99•2		99.5	99.5		99.€		99•6	99.5	99.0	99.0	99.5
≥ 1200 ≥ 1000	36.6 36.s	97.6 97.6		98.8 96.8			99.5		59.8	99.9	99.5		99.9	99.9	99.9	99.5
≥ 900 ≥ 800	-6 • 6	97.6		98.8 98.8	99.6	79.0	99.8	<del></del>	99.4	99.9	99.9			99.9 99.9	99.9	9,6
≥ 700 ≥ 600	16.6	97.6	99.3	93.8 96.9	99.6	39.7	99.9			100.0	100.1	99.9 105.0		99.9 100.0	99.9 150.6	176.5 176.7
≥ 500 ≥ 400	#6.0	97.7 57.7	98.4	93.9		99.7	99.9		99.9	177.0	100.	100.0	100.0 130.7	100.0 100.1	110.0 100.0	175.4
≥ 300 ≥ 200	.6 . 6	97.7		78.9 95.9	99.7	99.7	79.9		99.5	100.0	107.	150.0	100.0 100.0	1.0.0 173.0	135.0 135.0	1
≥ 100 ≥ 0	26 • ± 26 • €	37.7 57.7	90.4		39.7 99.7	99.7		99.9 59.9	- 1	190.0 190.0		100.0	150.0 150.0	160.9 100.0	1.5.0 1.5.0	1

TOTAL NUMBER OF OBSERVATIONS\_\_

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CERTAR CHIPATOLOGY SPANCH ATT ACATOLIC SERVICE/MAC

### CEILING VERSUS VISIBILITY

ANNLLY SPACE CENTE FL

<u> 59-70,73-00</u>

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING						<del></del>	VIS	BILITY IST	ATUTE MIL	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ ?	≥1.,3	≥1′2	≥1	≥ 1,4	≥ '⁄8	≥ ,	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	: 4.4 71.5	57.5 75.4		36 • 1 75 • 2	5.1.2 76.5	30.2 76.3	58.2 76.5		76 • 5	20.2 76.5	5ε.2 76.5	51.2 73.5	57.2 76.5	58.0 76.5	58.2 76.5	500c
≥ 18000 ≥ 16000	71.9 72.2	15.7 15.9		76 • 6 76 • 8	76.3 77.0	70.3	75.3 77.5	77.5	75.4 77.4	76∙€ 77•∪	76 • F	76.8 77.5	76.9 77.0	76 .c	76.8 17.0	75.9
≥ 14000 ≥ 12000	73.3 75.3	77.3 79.7	81 . 4	72.2	75.4 57.8	75.4 66.8		78.4	73.4 ≾€.°	70.4 80.8	78.4 35.5	70.4 81.9	73.4 6:.3		73.4	78.4 31.5
≥ 10000 ≥ 9000	79.7 66.7	23.7 86.1	84.5	34.7	97.5	77.5		27.5	37.5	84.9 87.3	67.5	84.9 87.5	84.9 67.5	84.9 87.5	37.5	
≥ 8000 ≥ 7000	37.9 33.3	89.1	90.7	92.0 72.3	9 f • 2 9 f • 5	90.5		90.2 90.5	91.02	9. •2 96.5	90.5	9.•2 9.•1			91.7 91.5	3
≥ 6000 ≥ 5000	64.00 24.7	96.1	92.	92.4	91.5		91.5	91.5 92.4			97.4	91.5		42.4	91.5 92.4	42.4
≥ 4500 ≥ 4000	:6.5 .á.3	92.4	94.7	93.5	93.A	93.3		94.6	93.0 94.4	93.6		93.8	74.6	93.6	93.3	94.5
≥ 3500	.7 • 3 : 3 • 3	€4.3	96.7	° 0 • 3	95.1	\$6.5 97.1		97.1	96 • . 97 • 1	97.1	97.1	96.r 97.1	97.1	97.1	96.0 97.1	77.1
≥ 2500 ≥ 2000	0° 4	90.7 97.0	9:03	90.4 90.4	23.7	,5.7		98.4 98.7	98.4 98.7	98.7	93.7	95.4	93.4	98.7	98.4 98.7	98.7
≥ 1800 ≥ 1500 ≥ 1200	89 . I	97.6	92.3	99.3	99.4	19.4	39.4 59.8	59.4	99.4	98.8 99.4	99.4		98.8 99.4		99.4	99.4
2 1000	89.9 89.9	97.8	99.1	99.2	99.7	99.7		99.8	99.9	99.8	99.5			99.8	99.8	99.5
≥ 800	59.9 59.1	37.3	99.1	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.5	99.5		99.9	39.9 99.9	99.9
≥ 600	59.9	97.8 97.8	99.1	79.2	97.8	99.8	99.9	95.9	99.9	99.5	99.9	- 1		- 1	99.9 99.9	99.5
2 400	29.9 20.9	97.8	99.1	39.2 99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.5	99.4	99.9		99.9	99.5
2 200	89.3 80.9	37.8	99.1	99.2	99.9	79.9	100.0	100.6	100.0	100.0	107.5	107.5	140.0		100.5	
2 0	39.9	≎7.8	1	79.5			100.0									

TOTAL NUMBER OF OBSERVATIONS,

USAF ETAC LILEGE 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CTATE - SERVICE/PAS

## CEILING VERSUS VISIBILITY

STATION STATION NAME

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MILI	ES:						Ī
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥27	≥ 2	≥1 ′′2	≥1%	≥1	يا خ	≥ '⁄0	≥ 7	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	52.5 71.3	56.7 76.8	77.4	57.3	57.5 77.8	57.5 77.8	\$7.5 77.8	57.5 77.8	57.5 77.5	57.5 77.9	57.°	57.5 77.9		57.5 77.9	57.5	51.F
≥ 18000 ≥ 16000	71.5	77.0	77.5	77.3	78.0	75.€	78.0	78.C	7 F .	72.1	70.1	71	79.1	72.1	78.1	7:01
≥ 14000	72.2	77.8	79.5	73.8	74.8	78.5	78.8 85.0	78 • 9	78.0 30.1	78.9	78.9	75.9	73.9	78.9	73.9 80.5	75.9
≥ 12000	75.7	£1.3	82.3			22.8	82.8	P2.8	32.3	92.9				52.9	2.9	1 (
≥ ₹0000	78.3 79.9	95.2	85.3	26.1	36.2	?5.2	86.3	96.3	56.3	86.3	86.3	86.3		56.3	86.3	ċ 5 • 4
≥ 8000	30.9	53.5	84.	33.2	89.3 39.6	33.3	38.4 89.7	88.4	89.7	86.4 89.7	38 • <sup>4</sup>	99.7	85.4	89.7	39.7	30.5
≥ 7000	:1.4	89.1	35.9	91.1	9 . 3	93	91.3	90.3	51.3	9: • 3	97.3	93	ÿ . <u>. 3</u>	9.3	30.7	
≥ 6000 ≥ 5000	62.7	90.8	91.5	91.7 91.8		90.9	91.7 92.1	91.0 92.1	91 • . 92 • 1	91. 72.1	91.0	91.° 92.1	91.0	91.1	91.0	92.5 92.5
≥ 4500	23.6		92.7	93.0		93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3		5 3 . 4
≥ 4000 ≥ 3500	24.2 24.3	92.3	93.6	93.9		94.1	94.2	94.2	94.	94.3					34.3	
≥ 3000	59 • 5 55 • 5		94.4	74 • 8 75 • S		95.1 95.0	96.1	96.1	95 • 1 95 • 1	75.2 96.2		95.2 95.2		95.2	95.2	
≥ 2500 ≥ 2000	25.1	95.4	96 . T	76.6		95.9	97.3	97∙≎	97.0	57.1	97.1	97.1		97.1	97.1	97.1
> 1800	26 a 3	95.4	97.1	97.7	91.9	90.1	98.1	98.1	98.1	98.4		96.1 98.4		98.4	98.4	96.4
≥ 1500	46.9	96.7	97.5	98.1	98.5	₹3.5	98.6	98.7	98.7	98.7	98.7	96.7	98.8	98.2	68.3	1
≥ 1200 ≥ 1000	-7 • 1 -5 7 • 2	97.7	99.: 98.1	98.5 98.6		93.9	99.1	99.1	79.1 59.7	99.2	99.3	99.2	-	99.2	99.2	; j
≥ 900	.7.2		98.1	95.6		99.0			99.2	99.3		99.3		99.4	99.4	99.4
≥ 800	57.3	97.4	99.7	98.7		99.2	99.4		99.4		-	99.5		99.5	99.5	99.5
≥ 700 ≥ 600	27.3	97.4 97.5	99.3	98.8 98.8		99.2	99.4		99.4	99.5	1	99.5		99.5	99.6	99.5
≥ 500	37.3	97.5	93.4	98.9	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7		99.7
≥ 400	27.4	97.6		99.0	99.4	99.4	99.7	99.7	99.7	99.8		99.9		99.9	99.9	99.9
≥ 200	7.4	97.6	98.5	99.0		99.5		99.8	99.2	99.9						icc.c
≥ 100 ≥ 0	7.4	1	99.5	00.0			99.7	79.8		99.9			_	160.6		19 J • C
	£7.4	97.7	9 E • q	99.1	99.5	99.5	99.7	99.8	90.0	95.9	99.9	99.9	1.0.0	1 ւ Մայ։	1 4 C • S	<u>الزيه (</u>

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LEMARE SLIMATOLOGY BRANCH C RESTAC C C WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

RENNERY SPACE CENTER FL

69-70.73-81

#### 0777-12 HOURS (ST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	درا≥	≥1%	≥1	≥ %	≥ '⁄•	≥ ">	≥5 16	≥.	≥0
NO CEILING ≥ 20000	77.1	21.2 79.3	61.2	61.6 79.8	61.5 79.8	61.5 79.8	61.6 79.8	61.6 79.8	61.6 79.3	61.6 79.8	£1.6	61.c	61.5	61.c	01.6 7.5	61.6
≥ 18000 ≥ 16000	77.4 78.3	79.7 30.2	79.8 87.3	87.1	81	81.1 83.7	50. 80.7	80.1 80.7	3r • 1 80 • 7	85.7	80.1 80.7	85.1 85.7	80.1 80.7	30 • 1 83 • 7	#7.1 85.7	
≥ 14000 ≥ 12000	79.3 cl.6	91.c	61.7 84.1	92.C	32.0 34.4	72.5 94.4	62.0 34.4	92.0 84.4	82.1 54.4	80.0 84.4	52.0 84.4	82.0	82.0 84.4	82.J	82.5 84.4	62.5 84.4
≥ 10000 ≥ 9000	त4•2 ८ <b>५</b> •३	87.6 90.6	97.7 90.7	86.3 91.0	33.0 91.0	38.0 91.0	\$8.0 91.0	88.5 91.0	98. 91.:	98.0 91.	38.1 91.0	83.1 91.5	88.5 21.€	88.1 91.5	88.0 91.0	88.C 91.C
≥ 8000 ≥ 7000	7.7.9	91.4 91.8	91.6 92.0	71.9 72.3	91.9	91.9 92.3	91.9 92.3	91.9 92.3	91.5 97.3	91.3 92.3	91.º 92.3	91.9	91.9 92.3	91.7 92.3	91.9 92.3	91.9 92.3
≥ 6000 ≥ 5000	39.1	9 <i>Z</i> •3	92.5 93.4	92.9 93.8	91.9 93.8	92.5 93.8	92.9 92.3	92.9 93.3	92.9 93.5	92.9 93.8	92.9 93.9	92.9 93.8	92.9 93.8	92.5 93.8	92.9 93.8	92.5
≥ 4500 ≥ 4000	9^•3 91•1	94.6 95.4	95.7	95.1 96.3	95.1 95.0	95.1 96.4	95.1 96.0	95•1 96•0	95.1 96.€	95.1 96.0	95•1 95•7	95.1 96.0	95 • 1 96 • 3	95 • 1 96 • 0	95.1 96.0	90 • 1
≥ 3500 ≥ 3000	91.1 91.4	95.6 95.9	96.1	96.1 96.4	96.1 96.4	76•1 95•4	96.1 96.4	96 • 1 96 • 4	96 • 1 96 • 4	96.1 96.4	96.1 96.4	96.1 96.4	96 • 1 96 • 4	96.1 96.4	96.1 96.4	9001 9004
≥ 2500 ≥ 2000	71.6 92.8	76.3 78.1	96.6 98.4	96.9 98.8	96.9 93.8	95.9 98.8	96.9 98.8	96.9	96.9 98.2	96.8	96.9 99.8	96.9 98.8	96.9 99.8	76.9 98.2	96.9 98.8	96.9 93.3
≥ 1800 ≥ 1500	92.9 93.0	98.2 93.4	99.6 99.0	95.9 99.4	93.9	98.9 99.4	98.9 99.4	98.9 99.4	98.9 59.4	98.9 99.4	98.0 99.4	98.9	98.9 99.4	98.9 99.4	98.9 99.4	98.9
≥ 1000	93.1 93.2	98.6	99.2	99.6 99.7	99.6 99.7	39.7	99.6 99.7	99.6 99.7	99•6 99•7	99.6	99.6 99.7	99.6	99.6 99.7	9 <b>9.</b> 6 9 <b>9.</b> 7	99.6 99.7	99.6 99.7
≥ 900 ≥ 800	93.2	93.7	99.2	99.7 99.7	99.7 99.7		99.7 99.7	99.7	99.7	99.7	99.7	99.7 99.7		99.7 99.7	99.7 99.7	99.7
≥ 700 ≥ 600	93.3 93.3	79.8 79.8	99.3	99.8 99.8		99.8	99.8	99.8	99.8	99.3	99.8 99.8	99.8	99.8	99.8 99.8	99.8	99.5
≥ 500 ≥ 400	93.4 93.4	99.9	99.4	99.9	99.9	99.9	99.9			99.9	99.9			99.9	99.9	99.9
≥ 300 ≥ 200	93.6	79.0 99.0	99.4	100 <b>.</b> d	100.0	150.0 150.0	100.0	100.0	1J0.C	100.0	<u>180.6</u>	100.0	150.0		120.0	165.6 165.6
≥ 100 ≥ 0	93.6 93.6	99.0				199.0 100.0								160.0 168.0		100.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_\_

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE TERMITCECCY COMMON TAC THE STRAIGHT STRAIGHTAG

## CEILING VERSUS VISIBILITY

MICHNELY SPACE CENTER FE

67-70,73-35

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2013-15FC

CEILING			_	12			VIS	IBILITY (STA	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.7	≥ 2	≥17	≥1%	≥1	≥ ⅓	≥ %	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	(1.3 74.5	55.9 50.1	65 • 3 g • 4	66.3 9: •6	o∴•3 81•6	ં6•3 સં6		-€6•3 ∃C•6	66.3 30.€	36.7 ⊴i.•9	1 1 2 1 2	66.7 80.9	66.7 30.9	66.7 88.0	56.7 35.9	60.7 31.5
≥ 18000 ≥ 16000	74 • 5 75 • 3	97.•1 31•3	3.4 81.7	31.6 31.3		55.6 31.8	-	30.6 21.5	ბ∁•± 81•⊀	89.9 82.1	32.1	32.9 92.1	30.9 83.1	30.4 32.1	5ۥ? 62•1	ε 3 • ν 8 2 • 1
≥ 14000 ≥ 12000	17.2 79.3	स्य•्ड १4•ड	57.1 85.1	33.2 95.2		33.2 85.2	93.2 95.2	°5.2	83.2 85.2	?3•6 ₽5•6	, ,	33.5 85.6	იპ.6 ან.6	23.c	83.6 85.6	83.6 85.6
≥ 10000 ≥ 9000	:1.7	83.7 90.9	82.3 91.3	82.4 91.3		30.4 61.3	39.4 31.3	98.4 91.3	d3.4	εε.ε 91.7		80.3 91.7	63.3 91.7	88.5 91.7	34.9 91.7	98.3 91.7
≥ 8000 ≥ 7000	9 ⊕ ⊕ 9 9 0	91.4 92.2	91.5 92.6	91.9	91.9 92.7	91.9		91.9 92.7	91.9 92.7	(2 M)		92.2 93.1		92.2 73.	92.2 93.1	0 (v. m.)
≥ 6000 ≥ 5000	25•3 ∂6•1	9 . 7 9 . 7	97.9	93.C	91.0 94.1	13.0 14.1	93.0 94.1	93.0 94.1	93.0 94.1	95.3 94.4	1 1	93.3 94.4	93.3 94.4	94.4	93.3 94.4	53.3 94.4
≥ 4500 ≥ 4000	36.9 ≤7.2	94.6 95.1	94.9 95.4	95.6	95.5 95.6	95.0 95.6	95.0 95.6	75.0 95.6	95.6	95.3 95.9	1 1	95.3		95.3	95.5 95.9	. i . ?
≥ 3500 ≥ 3000	67.6 38.2	95.4 95.3	95 96.7	95.9 96.6	- 1	95.9	95.9 96.8	95.9 96.8	95.9 96.3	96.2 97.1		96.2 97.1	96 • 2 97 • 1	96.2 97.1	96 • ? 97 • 1	97.1
≥ 2500 ≥ 2000	38•7 23•0	97.1 97.6	97.4	97.6 98.0	, ,	97.5	97.6 98.1	97.6 95.1	97.6 98.1	97.9 98.4	1 1	97.9 93.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4
≥ 1800 ≥ 1500	89.1	97.9	98	98.2 99.4	93.3	98 <b>.3</b> 98 <b>.6</b>	98.3 99.6	98.3 98.6	98.3 98.5	9c.7	1 - 1	98.7 98.9	98.7 98.9	98.7 98.9	98.7 98.9	93.7 93.7
≥ 1200 ≥ 1000	37.7	98.3	90.4 94.7	79.0 79.4	59.1 99.3	99.1	99.1	99.1	99.1	99.4	1	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7	79.4 49.7
≥ 900 ≥ 800	39.9	98.6 93.6	92.9 98.9	99.4	99.6	99.6		99.6	99.6	-		99.9 99.9	99.9 99.9	99.9 9 <b>9.</b> 9	99.9	99.9
≥ 700 ≥ 600	89.9	≎ಕ•6 98• <b>c</b>	98.9 98.9	99.4 99.4		99 <b>.6</b> 99 <b>.6</b>		99.6 99.6	99.6 99.6			99.9 99.9		99.9	99.9	99.5
≥ 500 ≥ 400	90.1 70.0	30.7 30.7	99 . :	99.6 99.6	99.7	99 <b>.7</b> 9 <b>9.7</b>	99.7 99.7	99.7 99.7	99.7 99.7			100.0 100.0	168.8 128.3	100.0 100.0	100.0 100.0	1∪0•5 1″∪•6
≥ 300 ≥ 200	4 n • ]	3 6 . 7 78 . 7	99.	95.6	99.7	99.7 99.7	99.7	99.7	-	195.6 <u>1</u> 66.6		190.0 100.0	160.0 155.0	150.6 150.8	155.0 146.0	176.6 196.6
≥ †00 ≥ 0	γ <u>.</u> •.	78.7	99.	99.6	- 1	99.7	99.7	99.7			100.0			100.0 100.0		190.0 190.0

TOTAL NUMBER OF OBSERVATIONS\_

9.0

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOURTE

L. AL CLIMATOLOUY FRANCH L. AFRIAC 1 - ARATHER SERVICEZMAU

## CEILING VERSUS VISIBILITY

KENNICY SPACE CENTER FL

63-70,73-89

16\_5-156E

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ₁	≥ 2	≥1'7	≥1 4	≥1	≥ 34	≥ '⁄8	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	44.5 61.6	54.4 74.4	55.0 76.0	56.2 76.9	5: • 3 77 • 1	56.3 77.1	56.3 77.1	56.3 77.1	56.7 7 <b>7.</b> 1	56.6 77.3	56.6 77.7	56.c	54.6 77.3	56.6 77.3	56.5 77.3	55.6 71.2
≥ 18000 ≥ 16000	62.1 64.1	75.0 77.2	76.3 70.	77.4 79.7	77.7 79.9	77•7	77.7 75.9	77.7 79.9	77.7 79.9	77.9 50.1	77.° EC.1	77.9 86.1	77.9 83.1	77.9	77.9 30.1	77.5 80.1
≥ 14000 ≥ 12000	25.7 60.3	79.1. 33.3	85.8 85.1	51.4 55.5	81.7 36.0	31.7 86.0	51.7 86.	81.7 86.0	31.7 35.	81.7 86.2	81.5 86.7	81.9 86.2	81.9 86.2	51.5 86.2	61.9 85.2	91.9 86.2
≥ 10000 ≥ 9000	71.4 72.6	95.3 37.4	83.2 87.4	38.9 95.1	59.1 90.3	39.1 30.3	89.1 91.3	89.1 90.3	97.3	89.3 91.6	89.3 91.6	99.3 90.6	\$9.3 90.6	89.3 92.5	89.3 92.6	89.1 91.00
≥ 8000 ≥ 7000	73.0 74.0	#3.0 99.2	95.1 91.3	95.8 92.8	91.0 92.2	91.0 92.2	91.0 92.2	91.0 92.2	91.1 92.2	91.2 92.4	91.2 92.4	91.9	91.2 92.4	91.2 92.4	91.2 92.4	92.6
≥ 6000 ≥ 5000	74.3 74.3	9).8 9].2	91.9 92.3	92.6 93.0	92.8 93.2	92•3 93•2	92.8 93.2	92.8 93.2	92.3	93.0 93.4	93.4	93.4	93.4 93.4	93.0 93.4	93.1 93.4	63.4
≥ 4500 ≥ 4000	74.8 75.1	91.4 91.4	92.9 93.5	97.0 94.2	93.P	93.8 94.4	93.8	C3.8	93.7		94.0 94.7	94.0	94.01 94.7	94.5	94.7	74.7
≥ 3500 ≥ 3000	75 3 75 7	92.3	93.9 94.4	94.6 95.1	94.8 95.3	94.3 95.3	94.9	94.8	94.8 95.3	95.6 95.6	95.0 95.6	95.6	95.6	95.0 95.6	95.0 95.6	95.0 95.6
≥ 2500 ≥ 2000	75 • 8 76 • 1	92.6	94.7 95.6	95.3 96.2	95.6 96.4	95.6 96.4	95.5 96.4	95.6	95.6	95.8 96.7	95.d 96.7	95.8 95.7	95.8 96.8	95.8 96.8	95.3 96.3	96.8
≥ 1800 ≥ 1500	76.4	93.4	95.7 96.4	96.3 97.1	96.7	36.7 97.4	96.7 97.6	°6.7	96.7	96.9 97.8	96.9 97.8	96.9 97.8	97.0 97.9	97. 97.9	97.º	97.°
≥ 1200 ≥ 1000	76.€ 76.5	94.6	96.0 96.0		97.8 98.0	97.8 93.0	97.9 98.1	98.1	97.5 98.1	98.1 98.3	98 • 1 98 • 3	93.1. 98.3	98.4 98.4	98.4 98.4	98.3 98.6	90.6
≥ 900 ≥ 800	76.6 16.3	94.9 95.1	97.3	97.9 98.1	92.2 99.4	78.2 78.4	98.3 98.6	98.3 98.6	98.6	98.8	98.6 98.9	98.8	98.7 98.9	98.7 98.9	98.5	99.0
≥ 700 ≥ 600	76 • ±	95.3 95.3	97.5		98.4 98.7	93.4 96.7	98.8	98.8 98.8	98.6 98.8	98.3	98.8 99.0	93.8	98.9 99.1	98.9 99.1	99.0	99.2
≥ 500 ≥ 400	77.1	95.6	97.8		99.C	99.0	99.1 99.1	99.1	99.7	99.4	99.3	99.3	99.6	99.6	99.7 99.8	99.5
≥ 300 ≥ 200	77.1 77.1	5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	97.5	90.6	99.C	99.0	99.1 99.1	99.3	99.3	99.6	99.6	99.6 99.6	99.8 99.3		100.0	
≥ 100 ≥ 0	77.1	95.6 95.6	- 1		99.0	99.5 99.5	99•1 99•1	99.3	99.3 79.3	99.6 99.6	99.6 99.6	99.6	99.8 99.8		100.0 125.0	Г !

TOTAL NUMBER OF OBSERVATIONS 95

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

KEANLOY JEACL CENTEN EL K9-7F, 73-3

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	.ES:						
-FEET-	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 %	≥ 2	≥11⁄2	≥1%	≥1	≥ ¾	≥ %	≥ ′;	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	47.2 69.1	52.2 75.6	52.2 <b>7</b> 5.7	52•a 76•1	50•8 70•	52.3 76.1	52.9 76.1	52.5 76.1	52. <b>76.</b> 1	51.0 76.1	52 76.1	52.0 76.1	52.8 76.1	52.u 76.1	32.0 76.1	7:.1
≥ 18000 ≥ 16000	7 . 4	76.6 77.1	76.7	77.1 77.7	77 • 1 77 • 7	77.1	77.1 77.7	77.1 77.7	77.1 77.7	77.1	77.1 77.7	77 • 1 77 • ?	77.1 77.7	77.1 77.1	77.1 77.7	77.1 77.7
≥ 14000 ≥ 12000	75.9	91.0 93.7	81.7 81.5	34.2	31.1 34.2	₹1.1 ₹4.2	31.1 34.2	91.1 94.2	81.1 4.2	31.1 84.2	81.1 54.2	81.1 84.2	31.1 54.2	41.1 54.6	91.1 94.2	41.1 4.5
≥ 10000 ≥ 9000	79•3 30•3	36.9 35.2	87.1 55.4	37.6 38.9	87.6 86.9	57.6 33.9	27.6 88.9	97.6 88.9	97.6 88.9		87.5 38.5	37.5	ა7.5 ვე.9	57.6 88.9	87.6 58.9	27.6 98.9
≥ 8000 ≥ 7000	4	.9.2 29.6	89.4 89.4	25.9 90.2	89.9 95.2	39.9	89.9 50.2	99.9 90.2	90.7 90.7	89.9 96.2	89.c	80.9 51.2	39.9 91.2	89.9 90.2	89.9 50.2	29.9
≥ 6000 ≥ 5000	31.7	89.9 91.	9"•1 91•2	70.6 91.7	91.6	90.6	90.6 91.7	90.6 91.7	90.6 91.7	96.6 91.7	90.6 91.7	90.6 91.7	9.6 91.7	95.6 51.7	90.4 91.7	5€ 71.7
≥ 4500 ≥ 4000	52.3	91.7	91.7	92.3 92.3	90.3 92.8	92.3	92.3 92.8	92.3 92.8	92.3	92.3	90.3 92.5	92.5	92.3 92.8	92.3 92.5	92.3	52.3
≥ 3500 ≥ 3000	- 2 • 6	92.6	92.7	93.3	93.3 94.1	73.3 94.1	93.3 94.1	93.3 94.1	93.2 94.1	93.3	93.3	94.1	93.3 94.1	94.1	53.3 94.1	65.3 94.1
≥ 2500 ≥ 2000	:3•1 35•0	93.7	94.2	94.3 97.6	94.8	94.8	94.3	94.8	94.9		94.3 97.6	94.8 97.6	94.8 97.6	94.5	94.8	94.d
≥ 1800 ≥ 1500	0°•6 6•1	97.1	97.7	98.2 99.0	93.2	93.2	93.2	98.0	98.2	98.2 99.6	98.2 99.5	95.2	98.2	98.7 9 <b>9.</b> 1	58.2 99.0	9:•2
≥ 1200 ≥ 1000	26 • 4 36 • 4	98 <b>.4</b>	99.1		99.8	99.8		99.8	99.1	99.8	99.3 99.8	99.8	99.8	99.8	99.8 99.8	95.8
≥ 900 ≥ 800	≈6•7 ≈6•7	28.7 58.7	99.3	1 ~	ເພຣ <b>.ດ</b> ເພຣ <b>.</b> ດ	100.0	100.0			100.0 100.0	100.0 100.0		100.0 100.0		100.0	{
≥ 700 ≥ 600	56 • 7	93.7 98.7	99.7 99.3	175.0 173.3	170.0 190.0	163.8	160.9 100.0	170.0 170.0	190.5 190.9	100.0 100.0	160.0	100.0 100.0	100.0 165.0	100.0 100.0	100.0	100.0 100.0
≥ 500 ≥ 400	36 • 7 96 • 7	98.7 98.7	99.3	100.0 170.0	15 .0 305.0	1.5.0	100.0 100.0	100.0	160.0 160.6	100.0 100.0	100.0 100.1	100.0	100.0 100.0	100.0 100.6	100.0 100.0	106.5 105.0
≥ 300 ≥ 200	.6.7 .6.7	98•7 38•7	99.3	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0	160.5 100.5	166.6 100.6	100.5 100.5	100.0 100.0	100.0 100.0	178.6 188.5	130.5 130.5	100.0 100.0
≥ 100 ≥ 0	6.7	98.7 93.7	99.3 99.3	100.0 100.0	100.0 100.0	190.0 190.5				100.0 100.0				1.0•0 100•0	150.0 150.0	165.6 185.6

TOTAL NUMBER OF OBSERVATIONS.....

E AL CLIMATOLOGY INANGH IN 1986 WEATHIN DERVICIYMAC

### CEILING VERSUS VISIBILITY

METABLY STACE CONTER FL

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

125 - 14°

CEILING							VIS	IBILITY .ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.7	≥1.	≥1	≥ ≒	≥ %	≥ ;	≥5 16	≥ .	≥0
NO CEIUNG ≥ 20000	45.4 65.8	49.3 74.4	74.5	44.7	4°•7	49.7	49.7	49.7	42.7	49.7	49.7 74.0		49.7	49.7 74.5	49.7	47.7
≥ 18000 ≥ 16000	3 ° • 3 ⊂ 9 • 3	75.6	7 ° • 1 7 ° • 7	75.4 76.	75.4 76.0	75.4 76.1	75.4 75.0	75.4 76.i	75.1. 76.1	75.4 76.0	75.4	75.4 76.0	75.4 75.0	75 • 4 76 • .	75.4 76.5	75.4 76.0
≥ 14000 ≥ 12000	72.3 74.9	77.	79•1 80•1	79.4 -2.4	77.4 52.4	79.4	79.4 =2.4	79.4 92.4	79.4 62.4	79.4	79.4 52.6	79.4 82.4	75.4 £2.4	79.4 32.4	79.4 52.4	79.4 32.4
≥ 10000 ≥ 9000	77.1 79.3	94.7	85.7 37.7	3 3 3 - 6	35.3 57.6	75.3 ≥7.6	55.3 57.6	35.3 37.6	35.7 87.5	35.3 87.6	05.7 37.€	95.3 87.6	ან•3 ა7•6	5.3 27.6	25.3 37.6	85.3 87.6
≥ 8000 ≥ 7000	79.3 79.6	27.6 93.€	83.1 33.4	ટલ•6 <u>રે</u> ત•8	58.€ 64.3	-8•0 83•8	38.6 38.8	3.83 5.88	58.6 38.5	ଟ୍ଡ•6 ଓ୍ୟ•A	68.6 88.6	و د د م	38.6 39.8	28.6 €8.3	58.6 53.8	36.4 66.3
≥ 6000 ≥ 5000	77.3	30.4 37.5	9".	99.3	89.3 5.7	89.3 95.1	89.3 9F.4	99.3 90.8	90.0	29.3 9€.3	89.3 90.5	90.8	69.3 90.8	89.3 90.0	89•3 95•3	6.00
≥ 4500 ≥ 4000	-1.5 -1.5	90.2 3.7	97.0	91.0	91.2 91.8	91.2 91.3	91.3 92.1	91.3 92.1	91.3 92.1	91.3 92.1	91.3	92.1	91.3 92.1	91.3 92.1	91.3	61.3 52.1
≥ 3500 ≥ 3000	2 • 2 • 3 • 2	91.4	92.1	52.6 93.6	94.6 93.9	73.9	92.9 94.2	92.9 94.2	92.9 94.2	94.2	92.9 94.2	94.2	92.9	92.7	92.9	90.9 94.2
≥ 2500 ≥ 2000	.4 • 3 - 6 • E	94.0	95.0	95.8 98.4	95.8	95.8 98.4	96 • 1 98 • 8	98.3	96.1 98.8	95.E	96.1 98.8	96.1 93.8	90.1 95.3	96 • 1 98 • 3	96.1 98.8	95.1
≥ 1800 ≥ 1500	6.7	97.4 78.3	98.6	9.1 53.4	99.1	99.4	99.4 99.8	99.4	99.4	99.4	99.4	99.8	99.4	99.8	39.4	99.4
≥ 1200 ≥ 1000	46.4	75.2	93.9	99.4	99.4	99.4	99.8	99.8	99.3 99.8	99.8 99.3	99.8	99.8	99.8	99.8	99.8 99.2	99.2
≥ 900 ≥ 800	-6.4 -6.7	38.1 38.2	98.9	99.4	99.4	99.4	100.0	99.8 105.0	99.8 195.0	99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0	99.6 100.0	99.8 160.6	99.8 176.0
≥ 700 ≥ 600	26.7	93.4 98.4 98.4	99.1 99.1	99.7	99.7 99.7	99.7	100.0	100.0 100.0	100.5	100.0 100.0	160.0	100.0	100.0 100.0	100.0 100.0	100.0 100.0	114.5
≥ 500 ≥ 400	36.7 36.7	78.4 78.4	97.1	39.7	99.7	99.7	160.0	100.5	100.5	100.0 100.0	100.0 100.0	100.0	100.0	1:0.0 1:0.0	100.0	173.5
≥ 300 ≥ 200 > 100	6.7	93.4	97.1	59.7	99.7	99.7	100.0		100.0	100.3	107.0 100.0	100.0	100.0	100.0		100.0
> 100 > 0	16.7	93.4	99.1	79.7	53.7							100.0		100.0		

TOTAL NUMBER OF OBSERVATIONS 91

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TELLIBER CERTIFIEDEN, VILLEBERCH LITTERS VILLEBERCH SERVICE/MAC

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS 157

CEILING							VIS	IBILITY /ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1′2	≥1′4	≥1	≥ ¼	≥ >⁄g	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	9 • 3	43.9		4   • 5 7   • 9		43.7 71.5	43.0 71.0	43.9 71.0		43.5 71.2	71.5	43.7 71.3	43.9 71.0	43.7	43.5 71.	71.
≥ 18000 ≥ 16000	24.9 25.7	71.3	71.2	71.3 72.2	71.4 77.3	71.4 72.2	71.4 72.3	71.4 72.3	71.4 72.3	71.4	71.4	71.4 72.5	71.4	71.4	71.4 72.3	71.4 72.3
≥ 14000 ≥ 12000	67.3	75.1 79.8	78.9	75 • 1 75 • 9		75.3	75.3 79.1	75 • 3 75 • 1	75 • 3 79 • 1	75 • 3 79 • 1	75.3 79.1	75.3 79.1	7: -3	75.3 79.1	75.3 79.1	72.1
≥ 10000	72.9	93.5 27.1	87.4	34.6 37.4	٤7 <b>.7</b>	34.2 37.7	34.2 97.7	27.7	67.7	94 • 2 37 • 7	84.7 87.7	34.2 87.7	57.7	84.2 87.7	64.2 27.7	+4.2 +7.7
≥ 8000 ≥ 7000	74 • 3 75 •	83.6	82.0	28.6 48.9	85.1	35.3 33.1	ଞ୍ଚ <b>୍ଚ</b> ଥଡ଼ି•1	8.53 1.63	69 <b>.</b> ]	88.8 89.1	38.4 87.1	33.€ 8°•1	αί•8 5⊁•1	88.5 39.1	58.A 39.1	23.2 27.1
≥ 6000 ≥ 5000	76.9	31.2 30.4	91.7	89.5	9(•) 91•9			90.0 91.9	91.9	96.0 91.7	50.6 91.9	90.0 91.9	9 . C	92 91.9	91.3	71.5
≥ 4500 ≥ 4000	77.4	92.2 92.7	93.7	71.7 93.2	43.4	93.4	92.9 93.4	92.9	93.4	92.6 93.4	92.0 93.4	92.9	92.9	92.9	52.9 53.4	0 2 • 4 0 2 • 4
≥ 3500 ≥ 3000	79.0	93.6 94.8	95.1	94.1 95.4	54.4 55.9	04.4 05.9	94.4 95.9	95.5	95.	94.4	94.4		54.4 55.9	54.4 55.5	95.0	اورون (۲ <u>۰۶</u>
≥ 2500 ≥ 2000	79.7	97.1	97.5	95.6 95.1	94.7		57 • 1 5 <u>9 • 7</u>	97.1 98.7	97.1	97.1 95.7	97.1 98.7	97 • 1 93 • 7	97.1	97.1 98.7	57.1 93.7	57.1 75.7
≥ 1800	5 5 4 5 64	97.4 57.8	98.	7:.4 35.9	99.6			9.0 59.6		55.€	99.5	99.5 99.5	99.6	.9.3 .9.5	99.6	99.1 99.
≥ 1200	કર્ય•4 હું વ•4	97.9	$\overline{}$	99.0	99.8			99.8 97.8	99.0	99.6 99.6	95.8 99.3	99.0		99.3	49.0	99.8
≥ 900 ≥ 800	3 . 4	97.9	93.7	99. 99.	99.9	99.8	39.9	99.8	99.9		99.2	97.5		99.8	99.5 99.4	99.5
≥ 700 ≥ 600	00.4 20.4	÷7.9	92.7	79.	99.8	99.5	99.9	99.9	99.9	99.4	66.0	99.9	99.9	99.9	59.9 59.9	د و و د د د و و د د
≥ 500 ≥ 400	# 30 • 4	47.9	99.7 98.7	99.L	99.8	99.8		99.9	79.7	29.9	99.0		99.9	49.4 5 <b>9.</b> 9	99.9 99.9	1
≥ 300 ≥ 200	იე.4 აი.4	97.9	92.7	99.0 99.0	99.8	99.3	99.9	99.9	99.4	99.9	99.9	99.9	99.9	99.9	90.0	1
≥ 100	7 . 4	97.9 97.9	98.7 98.7	99.5 99.	99.8 99.8		99.9 99.9	99.9	99.0 99.0	9 <b>9.</b> 9	99.0	99.4	99.9	99.9	99.9	

TOTAL NUMBER OF OBSERVATIONS 90

USAF ETAC LORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE CLIMATOL OF ASSOCIATION OF ASSOC

NO UNCON OFAC. CENTLE FL.

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17 7-7 11

CEILING							vi\$	IBILITY ST.	ATUTE MILI	ES					· · · ·	
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1;	≥1.	اخ	<i>≧</i> 4	≥ `*	≥ .	≥ 5 16	2 .	≥0
NO CEILING ≥ 20000	34 • 3 c 2 • 8	35.3 68.7	3 . u	33.4	3 ° • 4	15.4 56.0	30.0 98.0	74.4 65.3	3 × • €	3 .4 6s.3	; .4 61.0	3.•4 63•2	3 4 5 : . 4	23.4 56.8	37.4 68.8	1. •4 600
≥ 18000 ≥ 16000	∴2 • ८ ५३ • 4	63.6	65.7	65. 50.7	64.7 69.7	69.1 34.7	59.0 59.7	59.7 69.7	69.7	65.0 65.7	69. 69.7	67.1 69.7	59.7	69. 69.7	59.7	56.7
≥ 14000 ≥ 12000	26 • /€ • 3	72.9 75.7	77.6	7 ₹ • 7 ° • 9			75.9	73 73.9	79.0	7.2. 7:	77.0 79.9	73.0 75.9		73.5	73.0	7C
≥ 10000 ≥ 9000	74.7	34.7		14.7 90.3	54.7 33.5	ج و د ت	54.9 28.9	८५ <b>.</b> ९ ७ <b>६.</b> ८	89.	28.5 28.5	89.5	85.8		68.3	24.9	54.3 20.8
≥ 8000 ≥ 7000	7	97. • 6		90.3 50.3	96.3	+11 • 3 ⇒11 • 9	95.3 95.9	90.5	9 9	6 F • 2	9	9.003	9 . 9	,	, , , ,	
≥ 6000	7: . 5	91.9	9.3.	91.2	31.2 92.2	71.2 92	71.2 72.2	1.2 42.2	91.7	91.4	51.3 93.2	94.2	91.2	65.	92.2	1.2
≥ 4500 ± 4000 ≥ 3500	7 ° . 2	91.1 92.7 93.4	93.7	97.3 94.2	97.6 93.3	3.3 3.4.2	52.6 33.3 94.2	92.6	92.3	03.0 03.0	93.3 93.3	94.2	97.6 93.3 94.3	73.3 73.3	52.6 53.3	7 2 • 5 7 2 • 5
≥ 3000	- C • 3	34.0	9°	74.2 75.4	95.4	,5.4	95.4 95.4	05.4 05.8	95.4 95.4		95.4 96.4	96.5		95.5 96.9	94.5 95.6	٠. و
≥ 2000	1.1	97.3 97.4	900	30.2	70.2	9×.2	98.7 59.9	9 . 2 9 . 9	93.9	9 & 2 9 9	90. 98.2	96.3 95.	c 8 . 3	73.3	90.1	
≥ 1500	1.	°7.5	95.	73.9 79.1	1	c 9 . 1	99.4	09.2	49.2	75.4	99.u	99.4	99.6 93.8	19.5	99.5	99.0
2 1000	1 . 7	27.2	1 - 1	79.2	99.3	99.4	-	99.5	99.6	96.5 99.5	99.0	99.8			49.9	04.9 04.9
≥ 800	1.7	97.9	93.9	99.2	99.3	99.4	99.6	99.6		99.5			- 1	99.9	99.9	99.9
≥ 600	-1.7	97.9	99.9	99.2		99.4		99.6		99.8 9 <b>9.</b> 8	99.5	99.8	39.9	99.9	99.9	09.9
≥ 400	-1.7	97.9		39.2	99.4		99.7	99.7	99.7	99.9	99.9	99.9		100.0 170.0	160.0 160.3	100.0
≥ 200	:1.7	97.9		99.2	59.4 99.4		99.7	69.7	37.7	99.9		99.9		100.0 100.0	1.0.0 1.0.0	100.0 100.0
2 0	1.1	97.9	92.3	99.	97.4	79.5	;c.7	99.7	5 <b>9 •</b> 7	99.9	۶۶. <sup>ç</sup>	99.7	100.0	100.0	121.5	<u>1 ~</u>

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

STATION STATION NAME (3-71,72-5

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

.17	_	2		
HOURS	1	3	_	_

CEILING							VIS	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1,	≥≀ .	≥1	2 ·4	≥ `•	≩ :	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	45.7 59.7	45.6 71.9	71.0	45.7 72	9 • 7 7 ? • 0		46.7 72.3	45.7 12.0	45.7 72.5	îi.	47.7	40.7	41 7 72 . C	45.7 72.	46 • 7 72 • 1	7
≥ 18000 ≥ 16000	7 • 1	72.3	77.3	72.4 74.2	72.4	,	12.4 74.2	72.4 74.2	72.5	72.4	10.4 14.2	72.4 74.2		72.4	72.4	77.6
≥ 14000 ≥ 12000	73.1	76 • 1 = 1 • 1	7e • 1	75.3 :1.3	76.3 21.3	76.3	76.3	76.3 41.3	76.3 31.3	70.3	76.2 -1.7	70.3	71.03	76 • 3 51 • 7	76.3	75.7
≥ 10000 ≥ 9000	-4 • 3	45.3 27.2	85.4	36.0 89.09	აგ.6 <u>მქ.</u> 8		36.6 35.6	વદ•6 વદ•6	69.0	36.t	25.6 07.6	გა•ა გა•ა	36.0	36.6 39.6	86.6 59.6	26.6 26.5
≥ 8000 ≥ 7000	-6 • 3 7 • i	11.3 92.6	97.3	92 • 1 92 • 3	92.1 92.9	52.1 32.9	92.1		72 • 1 72 • 7	92.1 92.9	50.1 50.0	92.9		92.1 92.9	32.1 32.1	99
≥ 6000 ≥ 5000	7.4	93.7	94.4	74 • 5	94.5	4.6	94.0 94.0	94.6	94. 94.c	44.5	50.0 54.8	94.5	94.5 94.5	54.5	54.5	-40
≥ 4500 ≥ 4000	_3•1 48•1	95.1	95.1	95•2 95•4	95.2 95.4	95.2 93.4	95.2 95.4		9° • € 49 • 4	95.7 95.4	95.9 45.4	95.2 95.4	15.2 75.4	95.2 95.4	95.2 95.4	ς <u>ς</u>
≥ 3500 ≥ 3000	.6.9 £9.3	93.8 95.3	96.	°6.1 35.7	96.1 95.7	)c.7	96.1 96.7	56.1 5€.7	58.1 96.7	96.7	96.7	°6.1	96.7	96.1 96.7	96.1 96.7	,
≥ 2500 ≥ 2000	59.9 90.4	97.3	99.6	98.8		99.9		97.7	97.7	97.7	97.7 99.3	97.7 95.5	97.7 93.8	97.7 98.8	97.7 98.3	36.5
≥ 1800 ≥ 1500	9.5 4 2. • 7	95.3 99.0		95.9 99.1	95.9 99.1	29.1	95.9 99.1	98.9 99.1	99.c	78.5	99.1	96.9 99 <u>.1</u>	96.9 99.1	98.9 99.1	98.9	96.9
≥ 1200 ≥ 1000	9.3.4	99.1	99.0 99.0	99.8 99.8	90.8	99.8			99.	99.8	59.5	99.3	99.8 99.3	99.5 99.8	99.3	99.5 99.6
≥ 900 ≥ 800	97.9 93.9	99.1 99.1	99.6	37.8 39.8	99.8	99.3	59.3	09.8	99.A	99.5	99.4	99.5	90.8	99.d 99.8	29.9	99.5
≥ 700 ≥ 600	91.0 91.0	99.2		177.0 15.0	105.5 105.5	132.5 183.5	156.5 156.6	150.0 130.0	115.0 195.5	150°0	100.0	100•0	160.0 165.0	150.0 157.5	168.3 <u>137.0</u>	100.0 100.0
≥ 500 ≥ 400	71.5 71.5	99.2 19.2	99.5	100.0 100.0	100.0 100.0	100.5 100.5	100.0 100.	100.0 100.6	168.3 168.5	100.0	100.0 100.0	100.0 100.0	160.0 160.0	100.U 100.D	140.0 180.5	100.5
≥ 300 ≥ 200	51.0 51.1	39.2		100.0	100.0	100.0 170.0	100.0	100.0 100.0	100. 100.5	100.0	100.5	100.0 100.u	100.0 100.0	160.7 16 <b>6.</b> 5	100.0 100.0	17.0
≥ 100 ≥ 0	11.	99.2		100.0 100.0		100.0 110.0	100.0 100.0		100.0 150.5	160°5	1.000	100.0		1:0.1 1:0.		i ~ 1

TOTAL NUMBER OF OBSERVATIONS\_\_\_

USAF ETAC TOL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALATIC - SEFVICE/MAL

## CEILING VERSUS VISIBILITY

AT NNETY SPACE CENTER FL EX-70.73-5.

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		_					vis	IBILITY -ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥1.7	≥1.	≥1	≥ :	≥ '•	≥ .	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	47.5 2.5	74.4	51.7	51.7 75.5	52.5 75.5	75.0	75.0	52.1 75.€	.2• 75•	52. 72.1	75.1	75.1	52.7	72.1	75.1	1 = 1
≥ 18000 ≥ 16000	59 5°.7	74.7 75.9	7 • 2 7 • • 2	75.4 70.	75 • 5 7: • 5	75.5 76.5		75.5 76.5	75 • 5 76 • 5	75.3 7c.6	75.5 76.	75.5 75.6	75.5 75.6	75.5 76.c	75.5 76.6	70.5
≥ 14000 ≥ 12000	71.3 75.3	7 a • 4	72.7 52.4	79 • . : 2 • 7	7:00	79.0 22.7	79.3 32.7	79.U 82.7	79.1 32.7	75 • 1 5 2 • 3	79.1 62.9	79.1 82.5	79.1	79.1	79.1 92.8	77.1
≥ 10000 ≥ 9000	17.3	÷c. 3°.6	sć•. 3°•i	35.7 35.3	Se•8 8y•4	0 0 0 0 • 4		86.8 89.4	36 . c 89 . 4	96.9 99.5	86.5	86 • 5 89 • E	86.9 89.5	26 89.5	86.9 89.5	3008 8405
≥ 8000 ≥ 7000	0.5 l.	3.C • 3	o	3 . b	91.6 91.1	1.1	9:06	90.5 91.1	9~.6 51.1	91.5 91.2	98.6 91.8	91.2	97.6 91.2	50.6 91.2	91.2	9,
≥ 6000 ≥ 5000	1.3	91.9	91.4 92.5	91.7 92.7	91.7	91.7 92.8	91.7 92.5	91.7 92.8	91.7 92.8	91.8 92.8	91.5 92.5	91.8 92.8	91.8 92.8	91.e 92.3	51.3 92.8	91.5
≥ 4500 ≥ 4000	.7.5 .2.3	92.6 93.2	97.0	94.U	93.5 94.1	93.5	93.5 94.1	93.5 94.1	73.5 54.1	93.6 94.2	7 0 E	93.6	93.6 94.2	93.6 94.2	93.6	03.0
≥ 3500 ≥ 3000	03•3 3•7	93.7 94.5	94.3 95.3	74.6 95.5	94.7	94.7	94.7 95.6	°4.7	94.7 95.6	94.8 95.7	94.9 95.7	94.5	94.8 95.7	94.6	94.8 95.7	94.0 95.7
≥ 2500 ≥ 2000	54.Z	35•4 36•9	96 • 1 97 • 6	92.4 98.1	96.5 98.1	75.5 98.1	96.5 98.2	96.6 98.2	96.6 98.2	96.€ 98.3	96.5 98.2	96.6 98.2	96 • <b>6</b> 92 • 3	96.5 98.3	96.6 93.3	96.5 95.3
≥ 1800 ≥ 1500	55.3	97.5	98.4	93.4 98.8	9°•5	99.5	98.5	98.5 99.0	99.0	98.6 99.1	98.6 99.1	98•6 99•1	98 • 7 99 • 2	98.7 99.2	99.7	99.2
≥ 1200 ≥ 1000	63.6 25.7	27∙8 27∙9	98.7 93.7	79.1 99.2	9°.3	99.3 99.4	99.4 99.5	99.4 99.5		99.5	99.5 99.6	99.5 99.6	99.5 99.6	9 <b>9.</b> 5	99.5	99.6
≥ 900 ≥ 800	:5.7 35.3	78. 93.	98.8 98.9	99.3 99.4	99.5 99.5	99.5	99.6 99.6	99.6 99.6	99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.8	99.7 99.8	99.7 99.8	59.7 99.3
≥ 700 ≥ 600	55.8 55.8	98.1 98.1	98.9 98.0	99.4	99.6	59.6 39.6		79.7 99.7	99.7 99.7	99.8 9 <b>9.</b> 8	99.8 99.9	99.8	99.8 99.3	99.8 99.8	99.8 99.8	99.3
≥ 500 ≥ 400	°5°9	96.2 96.2	99.	39.5 39.5	99.7	99.7	99.8 99.8	99.8	99.3 99.8	99.9	99.9	99.9	99.9	9 <b>9.</b> 9	99.9	
≥ 300 ≥ 200	35.4 35.3	98.2 98.2	99.0	99.5	99.7 99.7	99.7 99.7	99.8	99.8	99.2 99.5	99.9	99.9	99.9 99.9	100.0	100.0 100.0	ſ	100.0 100.0
≥ 100 ≥ 0	15.9 05.7	98•2 98•2	99.	99.5 79.5	99.7	99.7	59.8 79.8	99.8 99.8	99.3	99.9	99.°	- 1			153.6 165.6	

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TO THE CUITMATCHOUS CAMPER TO THE SOUTH WATER SERVICENTAL

## CEILING VERSUS VISIBILITY

1 C MENNELY LEACH CONTER FL CO-75,75-5"

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERLING							VIS	IBILITY :ST	ATUTE MIL	ES:	,					
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1%	≥1 :	≥1	≥ 1/4	≥ '•	≥ "	≥ 5 16	2.	≥0
NO CEILING ≥ 20000	63.8	65.1	5≈.4 8€.	53.4 35.0	65 <b>.4</b> 36.0	çã•4 ∺5•0	35.4 86.1	55.4 56.1	35.4	5°.4 86•4	55.4 56.1	65.4 8:.1	65.4 86.1	05.4 66.1	ან•4 გნ•1	.5.4 66.1
≥ 18000 ≥ 16000	13.4 54.9	35.7	86. 87.	30.0 37.2	30.0 37.2	80.7	86.1 87.3	*6.1 *7.3	84.1 57.3	80.1 27.3	63.1 87.3	24.1 87.2	85.1 87.3	96.1	25.1 27.7	85.1
≥ 14000 ≥ 12000	.7.1 70.4	39.1	89.5 93.4	39.5	84.5 93.4	39.5 3.4	59.6 93.5	89.6 93.5	93.5	89.6	89.4 93.5	89.5 93.5	85.5 93.5	99.0 93.:	39.0	39.6 93.5
≥ 10000 ≥ 9000	92.7 94.2	95.4 57.1	95.7	75.7 97.4	95.7	95.7 97.4	35.8 97.5	95.8 ≈7.5	95.1	95.8 97.5	95.3 97.5	95.s	95.8 97.5	95.5 9 <b>7.</b> 5	95.E	73.8 97.5
≥ 8000 ≥ 7000	94.5 94.6	¢7.4	97.7 97.9	97.7 97.8	97.7 97.8	57.7	97.8 99.0	97.8 98.0	97.6 98.0	97.2 95.0	97.9 98.	97.2	97.8 98.0	97.3	97.8	77.9
≥ 6000 ≥ 5000	55.1 45.3	78.1 98.1	93.4	59.3 98.4	95.3 93.4	9:•3 98•4	99.4 98.5	98.4 98.5	98.4 98.5	90.4 95.5	98.4 98.5	93.4 93.5	98.4	98.4 98.5	48.4 76.5	92.4 93.5
≥ 4500 ≥ 4000	95.4 95.4	್ದ•3 ೧৪•4	98.5 92.7	7년 • 6 9명 • 7	90.6 95.7	93.6 23.7	52.7 98.8	98.7 98.8	98.7 99.8	95.7 98.9	98.7 98.5	09.7 98	93.7	98.7 96.5	58.7 98.8	90.7 95.8
≥ 3500 ≥ 3000	95.5 95.3	98.5 98.5	93.8 98.8	98.8 98.8	96.8 95.8	93.8 93.8	96.9 93.9	43.9 48.9	58.9 58.9	96.9	98.5 98.5	95.9 90.9	98 <b>.9</b> 93 <b>.9</b>	93.9 98.9	53.c 53.9	. ي. د ور•د
≥ 2500 ≥ 2000	75.3 25.2	78.5 99.3	93.8 93.5	99.5	93.8 99.5	98.5	98.9	98.9	98.9 99.6	96.9	92.9 99.5	93.6 93.6	93.9 90.6	98.9 99.0	98.9 99.6	95.6
≥ 1800 ≥ 1500	95.3 45.0	99.4	99.4 99.4	99.9	94.8 94.9	99.8	99.9 100.5	99.9 100.0	99.9 150.0	99.9	99.9 100.0	99.9 130.6	99.9 1.5.0	49.9 1.0.0	99.9 138.2	69.9 176.8
≥ 1200 ≥ 1000	95.3 25.d	99.4	99.9	99.9		99.9		100.0	100.0 100.0	100.0 100.0	100.0 100.5	100 <b>.</b> 0	10 - 0 100 - 0	1 1 C • C	100.0 160.5	196.1 168.5
≥ 900 ≥ 800	95.3	99.4	• 1	99.9		99.9		100.0 100.0	100.0 160.0	100.0 100.0	100.0 100.0	.ŭ0.0 100.Ĉ	160.0 160.0	169.0 160.3	100.0 100.0	100.0 100.0
≥ 700 ≥ 600	55.9 55.3	79.4 99.4	99.9 99.9	99.9	- 1	99.9		160.0 160.0	150.0 185.0	101.0 100.0	140.0 148.6	100.0 100.0	150.0 150.0	100.0 100.0	150.0 165.0	100.0 100.0
≥ 500 ≥ 400	73.8 5	99.4		99.9		99.9		100.0 100.0	165.7 155.0	156.0 166.0	135.0 135.1	185.3 186.5	165.6 165.6	1°0.0 1∩0.0	105.0 100.0	106.0 100.0
≥ 300 ≥ 200	98.9 75.5	99.4	99.9 99.9	99.9		99.9		100.0 100.0	10 •0 100•0	100.0 100.0	1.0. 181.	100.u 100.t	120.0 145.2	160.u	163.7 165.5	17C
≥ 100 ≥ 0	75.d 5.d	99.4		99.9	99.9 99.9	99.,		100.0 100.0	100.0 100.0			100.0 199.0	107.0 100.0	1:5. 100.0	100.5 150.0	1

TOTAL NUMBER OF OBSERVATIONS\_

TO A AFTER SERVICEZMAC

NUMBERY SPACE CENTER FL 69-77,73-6

### CEILING VERSUS VISIBILITY

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (\$

CEILING							VIS	BILITY ST	ATUTE MIL	LES-						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥179	≥1 '4	≥1	≥ :₄	≥ '•	≥ :	≥ 5 16	≥ .	≥ 0
NO CEILING ≥ 20000	0 4 • 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	71.6 88.3	7″.9 83.5	71.6 36.6	71.0 35.6	/1•C ১৪•6	71.0 _33.0	71.0 68.6	71.5	71.9 50.0	71.0 88.4	71.1 98.5		71. 65.5	71.1 48.6	11.
≥ 18000 ≥ 16000	54.3 55.6	96.3 96.9	გშ.ნ 85.1	39.4	5°•6 80•2	39.2	38.6	38.6 39.2	88•€ 87•∴	76.6 87.2	# 60 # 60 # 60	85.8 89.2	83.6 89.2	18.c	3.6 69.8	)5.¢
≥ 14000 ≥ 12000	a7∙3 75•3	91. 94.2	91.0 94.4	94.5	91.3 94.5	91.3 54.5	91.3 94.5	91.3 94.5	91.7 94.5	94.5	91.7 94.5	91.3	91.3 94.5	1.4 24.0	71.7 74.5	\$1.3 \$4.5
≥ 10000 ≥ 9000	92.7 93.3	06.1 06.9	95.3 97.1	76.5 97.2	96.5 97.2	97.2		96.5 97.2	96.5 97.2	90.5 97.2	96.5 97.0	96.5 97.2	56.5 57.2	96.5 97.2	96.5 17.2	97.2
≥ 8000 ≥ 7000	97.X	97.3 97.3	97.5 97.5	97.6 97.6	97.6 97.6	97.6		97.6 97.6	97.6 97.6	97.6 97.6	97.6 97.€	97.5 97.6	97.6 97.6	77.5 97.5	97.4 97.6	57.0 67.5
≥ 6000 ≥ 5000	94.2 94.5	97.7 98.1	93.4 98.5	98.1 98.4	95 <b>•1</b> 92 <b>•4</b>	9 - • 1 9 5 • 4	98.1 99.4	98.1 98.4	98 • 1 98 • 4		98.1 98.4	95•1 98•4	98•1 93•4	98.4	50.1 92.4	1 • 1
≥ 4500 ≥ 4000	94.5 95.3	98.1 98.8	98.3	79.1	99.1	ଃ 8.4 99.1	99.1	98.4	98.4 99.1	09.1	98.4 99.1	93.4	95.4 99.1	98.1	79.4 99.1	92.4 99.1
≥ 3500 ≥ 3000	75.7 75.7	99.U	99.5	99.4	99.4 99.6	99.4			99.4 99.6	79.6	99.4 99.€	99.4 99.6	99.4 99.6	49.4 79.5	99.6	56.E
≥ 2500 ≥ 2000	°5.7 >5.€	99.5	99. 39.7	39 <b>.7</b> 79.8	99.7 99.8	99.8 99.8	99.8	99.7	59.7 99.8	99.5	99.7 99.8	99.5 99.5	99.7 99.3	59.7 59.8	99.7 99.8	i - 1
≥ 1800 ≥ 1500	75.3	99.5	99.7	79.8 99.9	99.8	99.8	99.9	99.8 9 <b>9.9</b>	99.1 99.9		99.3 99.9	99.8	99.3 99.9	99.8 99.8	99.9	9 9 9 7 9 9 9 7
≥ 1200 ≥ 1000	45 • 3 45 • 3	99.6	99.3	99.9	99.9 99.9	99.9	99.9	99.9 99.9	99.9	69.9	99.c	99.9		99.9	99.9	99.9
≥ 900 ≥ 800	95.a 95.d	99.5	95.5 95.8	99.9	99.9	99.9	99.9	99.9	99.9 59.9	99.9	99.9 99.9	99.9	99.9	99.9	99.9 99.3	9.6
≥ 700 ≥ 600	95.9	99.7	97.0	100.0	100.0	100.0	150.0	100.0	100.0	100.0 100.0		100.0 100.0	168.8 138.8	100.0 100.0	100.0 100.0	10.0 10.0
≥ 500 ≥ 400	95.9 95.9	99.7	99.9	110.0	105.0	166.9	160.0	100.0 100.0	100.C	100.0	100.0	103.0 100.0	100.0 100.0	160.6 160.5	110.0 100.0	1
≥ 300 ≥ 200	75.7 95.9	99.7	99.9	1 10.0	100.0 100.0	1	100.0 100.0	100.0	100.0	100.0 100.0	100.0 160.0	100.0	167.0 167.0	150.0	160.0 160.0	1000
≥ 100 ≥ 0	45.0 (5.9	99.7	99.9		100.0 100.0	1 (0.1 1/0.0	1 10 • 0 1 0 ° • 7	100.5 100.5	155.0 155.0		100.0 100.0	186.6 185.6	100.0 100.0	10 <b>0.</b> 0	100.0 100.7	100.0

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AC CETY/ FORGULE SYSTEM

THE SE VET YELL

### CEILING VERSUS VISIBILITY

STATION NAME

6,-7:,73-3"

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MILI	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ ′⁄e	≥ 'n	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	1.9	57.3	58.3 82.7	50.7	33.9 33.5	57.1	39.1	59.2	5°•? 84•t	59.2 34.0	59.2 84.0	59.2 94.0	59.2 84.3	79.2	39.4 34.1	55.4
≥ 18000 ≥ 16000	74.1	32.2	87.2	83.9 35.2	34.1	34.3	34.4	84.5 85.8	54 <b>.</b> F	24.5 25.3	84.5 85.3	84.5 85.8	84.5	=4.0 25.3	34.5 £5.0	4.6
≥ 14000 ≥ 12000	7 : 4	36.8	37.8		84.8 91.4	89.3	89.4	89.5 92.2	89.5 92.2	39.5 92.2	89.5 92.2	89.9	89.5	89.5 92.2	39.6	5,06
≥ 10000 ≥ 9000	3.4	92.5	93.5	94.2	94.6	94.3 95.5	55.4	96.1	95.5 96.1	95.5 96.1	95.5	95.5 96.1	95.5 96.1	95.5	75.6	95.e
≥ 8000 ≥ 7000	_4 _4	73.4	94.5	95 • 3 95 • 3	95•7 95•8	75.9	96.5 96.6	36.6 96.7		96.6 96.7	96.6 96.7	96.6	96.5 96.7	96.0 96.7	96.7	95.7
≥ 6000 ≥ 5000	4 . 4 د د 4 . 5	93.4	94.7	95.5	95.0 96.2	95.4 96.5	76.8	96.9	96.9 97.1	96.9	96.3	96.9 97.1	96.9	97.1	97.2	97.2
≥ 4500 ≥ 4000	-4.9	93.8	95.1	75.8 96.5	96.3	76.6	97.1	97.2 97.3	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 3500 ≥ 3000	35.2	94.4	95.3	96.7	97.2	97.4	98.1	98 · 1 98 · 2	98 · i 98 · 2	98.2	98.2	96.2 95.3	93.2 98.3	98.2 98.3	98.3	6; 4 93.4
≥ 2500 ≥ 2000	5.3	94.6	96.7	96.9	97.4 98.1	97.6	98.2	98.3	98.3	98.4	99.0	93.4 99.0	98.4 99.0	96.4 99.0	99.5	98.5
≥ 1800 ≥ 1500	6	95.5	95.7	97.5	93.1	93.3 93.8	98.8	98.9 99.5	93.9	99.6	99.	99.0	99.C	59.0 99.6	99.1 99.7	99.1
≥ 1200 ≥ 1000	.6.i	95.7	97.1 97.1	98.2	99.7	98.9	99.5	99.6	99.6 99.7	99.7	99.7 99.8	99.7 99.8	99.7	99.7	99.8	
≥ 900 ≥ 800	36.1	95.7	97.1	98.2	93.8	99.0	99.6	99.7	99.7 99.7	99.8	99.9	99.E	99.8		99.5	99.9
≥ 700 ≥ 600	6.1	93.7	97.1 97.1		98.8		99.6	99.7	99.7	99.8	99.3	99.8	99.8	99 & 99 8		99.9
≥ 500 ≥ 400	66.1	°5.7	97.1	93.2	98.8	99.0	99.5	99.7	99.7	99.8	99.F	99.8	99.8	99.3		59.9
≥ 300 ≥ 200	~6.1 ∃6.1	95.7	97.1 97.1	73 • 2 96 • 2	98.9 36.9	99.1	99.7	99.8	99.8	75.9 99.9	59.9 99.9	99.9	99.9 99.9	99.9	100.0	166.5
≥ 100 ≥ 0	26.1	95.7	97.1	98.2	99.9	99.1	99.7 99.7	9.8		99.9	99.9	99.9	99.9	c9.9		100.5 100.5

TOTAL	NUMBER	OF	OBSERVATIONS	<del>,</del>

USAF ETAC FORM IN 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TATHER SERVICEMMAC

### CEILING VERSUS VISIBILITY

NNERY PACE CENTER FL 51-75,73-1

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST.	ATUTE MIL	LES						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 7	≥ 2	≥١,	≥1.	≥1	≥ .	≥ %	≥ .	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	47.4	31.3 75	51.4 79.1	\$1.9 79.1	51.4 7:.1	51.4 73.1	74.1	51.4 76.1	51.4 78.1		21.0 73.1	51.4 7.1	7 .1	51.4 76.1	11.4	51.
≥ 18000 ≥ 16000	73•7 75•3	79.4 21.1	78.5 81.3	79.5 31.2	7°.5	79.5 31.2	78.5 01.2	70.2	79.5 51.0	7	7:01	7: • 5 = 1 • 2	73.5 £1.2	78.5	78.5	
≥ 14000 ≥ 12000	3.3 3.3	55.9 87.1	86.3 89.5	26.2 90.5	36.2 80.5	~6.2 89.5	26.2 89.3	°6.2	56.1 39.5	84.5	35.5	36.2 97.5	89.5	56 • 2 89 • 5	30.2	86.1
≥ 10000 ≥ 9000	:6.1 :7.1	91.9	92.3	73.3 73.2	92.5 93.4	92.5 93.4	92.5 93.4	92.5 93.4	97.3 93.4	C.)	92.5 93.4	92.5 93.4	9.•5 93 <b>.4</b>	92.5 93.4	92.E	02.E
≥ 8000 ≥ 7000	-7.5 57.5	93.4	97.5	93.s	94.0 94.0	94.5 94.5	94.0 94.3	94.0 94.0	94.5 94.1	94.0 94.0	94.č	94. 94.	94.0 94.0	94.0 04.	94.0 94.7	94.
≥ 6000 ≥ 5000	.7∙3 _38•}	93.9	94.4	74.4 74.7	94.6	94.9	54.0	94.6 94.9	94.6 94.9	94.6 54.7	94.5 94.5	94.5	94.6 94.9	94.6 94.5	94.5 94.9	94.6
≥ 4500 ≥ 4000	18.3	94.5	95.1	95.2	95.4	75.4 75.5		95.4	95.5 95.5	95.4 95.5	95.4 95.5	95.4 95.5	95.4 95.5	95.4 95.5	95 · i	८७ <b>.</b> म ५९ <b>.</b> इ
≥ 3500 ≥ 3000	÷ • 9	95.3	95.5	95.6 95.9	75.8 76.1	95.a	95.1	95.8	95. 96.1	95.8 96.1	95.6 96.1	95.8 96.1	95.3 96.1	95.∂ 96.1	95.2 96.1	95.5 95.1
≥ 2500 ≥ 2000	41.1	98.0	96.7	96.9	97.1 9=.9	97.1 98.9	97.2 99.1	97.2	97.3	97.2 99.1	97.2 99.1	97.2 99.1	97.2 99.1	97.2 99.1	97.2 99.1	97.2 99.1
≥ 1800 ≥ 1500	51.5	73.4 73.4	97.	57.1 99.2	99.5	99.4		99.7	99.6 99.7	99.7	99.3 99.7	99.6	99.7	99.0 99.7	99.6 99.7	99.6 99.7
≥ 1200 ≥ 1000	51.5	23.4 23.4	99.	99.2	99.5	99.5	99.7	99.7	99.7	99.7 99.7	99.7 99.7	93.7	99.7	99.7 99.7	99.7 99.7	99.7 99.7
≥ 900 ≥ 800	1.3	98.4 98.4	95.	99.2	99.6	99.6	99.8	99.8	99.8 99.8	99.8	99.8	99.8	99.8	99.8 99.8	99.8 99.8	99.5
≥ 700 ≥ 600	71.5 71.5	93.5	99.1	99.4	99.7	39.7	-	99.9	99.9	99.9	99.9	99.9 99.9		99.9	99.9	99.9
≥ 500 ≥ 400	91.5	78.5	97.1 97.1	99.4	99.7	99.7 99.7	99.9	99.9	99.9	100.0	160.5	136.5 190.5	190.0 190.0	100.0	130.5 13 <b>0.</b> 5	100.0
≥ 300 ≥ 200	91.5 91.5	₹3.5	99.1	59.4	99.7	99.7 99.7	99.9	99.9	99.9	100.0 153.0	160.0			.co.∪ .c <b>c.</b> c		100.0
≥ ¹00 ≥ 0	51.5	95.5	99.1	99.4 99.4	99.7 99.7	99.7 79.7	99.9	99.9		100.0 100.0					100.6 100.0	

SE AL CLIMATRUGLY SANCH CARNIEL SERVICE CA

## CEILING VERSUS VISIBILITY

1 1 1 ALANELY SPACE CENTER FE 69-70,73-51

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		<del></del>					VIS	IBILITY ST	ATUTE MILI	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1 7	≥1'%	≥1	≥ ¼	≥ ¾	≥ 4	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	37.5 72.5	42.2 76.8	42.9 77.1	4. • 5 77 • 1	47.5 77.1	42.5 7 <b>7.1</b>	42.5 77.1	42.5 7 <b>7.1</b>	47.5 77.1	42.5 77.1	42.c	42.5 77.1	42.5 77.1	42.5 7 <b>7.1</b>	42.5 77.1	4 77.1
≥ 18000 ≥ 16000	73.1 74.	77.3 72.4	77.0 72.7	77.0 72.7	77.6 75.7	73 <b>.7</b>	77.6 73.7	77.6 73.7	77. 78.7	77.6 75.7	77.6 78.7	77.6 72.7	77.6 10.1	77.6 78.7	77.6 78.7	77.6 70.7
≥ 14000 ≥ 12000	77.1 cc	92.0 30.0	83.1 86.3	95.1	83.1	93.1	33.1	33.1 36.3	63.1 66.3	93.1 86.3	63.1 66.3	83.1 85.3	53.1 66.3	33.1 86.3		80.1 80.3
≥ 10000	51.8 32.5	8.0 8.03	85.7 95.4	39.2 36.4	89.2 94.4	99.2 70.4	95.4	93.4	95.4 95.4	89.2 95.4	39.7	9: 4	89.2 9.4	89.2 90.4	9:.4	39.2
≥ 8000 ≥ 7000 ≥ 6000	.3.3	93.6 98.9	91.4 91.4	91.4 91.6 92.3	91.4	71.6	91.4 91.6	91.4 91.6	91.4 91.6	91.4 91.6	91.4	91.4	91.4 91.6	91.4 91.6	91.5	91.4
≥ 5000 ≥ 5000	:4 • 2 -4 • 6	91.5 91.3 92.8	92.5	92.6	92.3 92.6 93.5	76	92.3 92.6 93.5	92.5	92.6 93.1	92.5 93.5	92.6 92.6	92.5 92.6 93.5	92.3 92.6 93.5		92.5	92.5 92.5
2 4000 2 3500	34.7	92.9 93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7		93.7	93.7 94.3	93.7	93.7	97.7
≥ 3000 ≥ 2500	95.5	94.3	95.1	95.2	99.2	75.2	95.3 97.3	95.3 97.3	95.3 97.3	95.3	95.3			95.3	95.3	95.3
≥ 2000	3 . 1	95.5	99.5	79.1	99.1	99.1	99.4	99.7	99.4	99.4				99.5	39.5	99.5
≥ 1500	23 • 4 ° 9 • 4	98.6	99.5	99.0		93.5	99.8	99.8	99.8	99.8 99.8	99.8	99.8	99.9	99.9		-
≥ 1000	25.4 28.4	98.7	99.5		99.6		99.9	99.8	99.8	99.8	99.8		99.9 100.0		99.3 100.0	99.9 155.0
≥ 800	53.4	98.7	99.6		99.7		99.9	99.9	99.9	99.9		99.9		100.0 100.0	100.0	100.0 100.0
≥ 500	€8.4 33.4	78.7	99.5		99.7	79.7		99.9		99.9	99.9	99.9		100.0 100.0	100.0	100.5
≥ 400 ≥ 300 ≥ 200	58.4	98.7 98.7	99.5	99.7	99.7	09.7	99.9	99.9	99.c	99.9	99.9	99.9	1:0.0	190.0 190.0	100.0 100.0	100.0
≥ 100 ≥ 0	38 • 4 ad • 4	98.7	99.6 99.6	99.7	99.7 99.7 99.7	99.7	99.9	99.9	99.5 99.5		99.9		100.0		100.0 100.5	150.0 150.0 150.0

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

HD FART YETLOTATION TRANSMIT CATUS WEST TO SERVICE / MAC

## CEILING VERSUS VISIBILITY

SAINNELY SPACE CENTER FL 69-75,73-5

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY -STATUTE MILES															
PEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1'7	≥1'4	≥1	Σ γ*	≥ '•	≥ ,	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	37.7 06.3	39.7 72.0	39.7	29.7 72.2	39.7 72.2	39 <b>.7</b> 71.2	39.7 72.2	39 • 7 72 • 2	3°•7	39.7 72.2	39.7 72.2	39.7 72.2	39.7 72.2	39.7 72.2	39.7 72.2	74.7
≥ 18000 ≥ 16000	67.1	72.	72.7	72.2	72.2	72.2	72.2 73.1	72.2	72 • i 73 • i	72.2 73.1	72.2	72.2 73.1	72.2 73.1	72.2 73.1	72.2 73.1	72.2
≥ 14000 ≥ 12000	70.4 74.2	77.4 33.4	77.5 33.5	77.5 32.5	77.5 83.5	77.5 43.5	77.5 c3.5	77.5 83.5	77.5	77.5 33.5	77.5 83.5	77.5 83.5	77.5 33.5	77.5 53.	77.5 03.3	77.5
≥ 10000 ≥ 9000	76 • 3 77 • 1	97.5 87.9	37.7 87.4	37.8 89.5	87.8 87.5	a 9 . 5	87.8 89.5	87.8 89.5	89.5	87.3 89.5	87.8 89.5	97.8 89.5	კ7.3 გყ.5	37.8 89.5	87.8 89.5	89.5
≥ 8000 ≥ 7000	73 • 1 72 • 2	95.4 95.6	21.7	90.9 91.1	90.9 91.1	93.9 91.1	90.9 91.1	90.9 91.1	90.4 41.1	90.9 91.1	90.7 91.1	91.1	91.9	90.9 91.1	90.9 31.1	9
≥ 6000 ≥ 5000	78 • 4 78 • 4	91.5 91.6	91.9	91.9 92.0	91.9 90.0	92.0	91.9 92.0	91.9 92.0	91.4 92.1	91.9 92.0	91.7	91.9 92.0	91.9 92.0	91.9 72.0	91.9	91.9
≥ 4500 ≥ 4000	73.7	92.4 93.0	93.3	92.3 93.4	92.8		92•8 93•4	93.4	92.8 93.4	92.0	92 • 0 93 • 4	92.5 93.4	92.5 93.4	43.4	93.4	
≥ 3500 ≥ 3000	79.3 ::C.1	74.9	95.4	94 • 7 95 • 7	94.7	94.7	95.9	94.7	94.7		94.9	96.8	94.8 96.0	94.8 96.0	94.8	94.F
≥ 2500 ≥ 2000	50.4 cl.t	95.5	96.2 97.7	96.3 98.2	96.9	98.6	97.1 98.8	97.1 98.8	97.1	97.3	97.3 99.2	97.3	97.3 99.2	97.3 99.2	97.3 99.2	99.2
≥ 1800 ≥ 1500	1.	97.0	97.5	98.3	98.6	98.8	99.0	78.9 99.0	98.9 99.0	99.4	99.4 99.6	99.4	99.6	99.4	99.6	99.4 99.5
≥ 1200 ≥ 1000	51.	97.1	98.0	93.6 99.6	91.9	99.0	99.2	99.2	99.2	99.8	99.8	99.8	99.9	09.9 09.9	99.9	99.9
≥ 900 ≥ 800	01.	97.1	98.7	94.6	98.9 99.9	99.0	99.2	99.2	99.2	99.8	99.8 99.8	99.8	99.9	99.9	99.9	99.9
≥ 700 ≥ 600	51.0	97.1	98.2 98.2	??.b	95.9	99.	99.2	99.2	99.2 39.2	99.8 99.8	99.8	99.6	99.9 99.9	99.9	99.9 99.9	99.9
≥ 500 ≥ 400	21.3 31.3	97.1	98.7	98.6 98.6	93.9 98.9	99.3	99.2 99.2	99.2	99.2	99.8	99.2	99.8	1.0.0 1.0.0	100.C	163.0	100.0 100.0 100.0
≥ 300 ≥ 200	61.3	97.1	98.3	98.6	93.9	99.0	99.2	99.2	99.2	59.8	99.A	99.8	110.0	100.0	102.0	100.1
≥ 100 ≥ 0	51.	¢7.1		95.6	75.9		99.2	9¢.2	99.2	99.3	99.9			1 2 <b>0 -</b> 8		1 ( 2 - 5

OTAL NUMBER OF OBSERVATIONS	٤.	3		
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USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

ELEAR OLIMATOLOGY (CA CHILL) TO THE CONTROLOG

### CEILING VERSUS VISIBILITY

ALANETY PACE CONTENTED 65-70,73-6

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOURS LST

CEILING	VISIBILITY (STATUTE MILES)															
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1%	≥1%	≥1	≥ 1/4	≥ 29	≥ ''>	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	35.4 55.7	37.4 72.2	37.5 72.3	17.5 12.9	27.5 72.9	77.5 71.9	27.5 72.9	37.5 72.9	37.5 72.4	37.5 72.9	37.° 72.°	37.5 72.5	37.5 72.9	37.5 72.9	37.3 12.9	72.4
≥ 18000 ≥ 16000	07.1	72.4 75.1	77.1 73.9	73.4 73.9	73.1 73.9	73.9	73.1 73.9	73.1 73.9	73.1 73.0	73.i	73.1 73.9	73.1 73.9	73.1 73.9	73.1 73.9	73.1 73.9	73.1
≥ 14000 ≥ 12000	70.3 73.9	77.3 93.1	78.2 84.	72.2	73.3 54.1	75.3	78.3	76.3 84.1	78.3 84.1	78.3 84.1	72.3	78.3 84.1	78.3 94.1	73.3 34.1	78.3 24.1	75.2
≥ 10000	76.3 73.1	90.2	91.7	98.2 91.3	3 - 3 71 - 5	36.3 71.5	91.5	98.3	58.0 91.5	38.3 91.5	88.3 91.5	83.3 91.5	გმ•3 91•5	28.3 91.5	38.3 91.5	50.2 91.5
≥ 8000 ≥ 7000	73.9 78.9	91.5 91.5	92.7 92.4	92 • 8 93 • C	93•0 93•2	93.0 93.2	93.0 93.2	93.0 93.2	93.° 93.°	93.4 93.2	93.2	93.6	93.0 93.2	93.0 93.2	93.7 93.2	9201
≥ 6000 ≥ 5000	79 • d	92.6	93.0	93.4 94.0	33.9 94.4	73.9 - 24.4		93.9 94.4	93.9 94.4	94.4	93.9	93.9	93.9 94.4	94.4	93.0	5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4
≥ 4500 ≥ 4000	79.1	92.9	94.7	94.3 95.1	94.7	74.7 75.5	95.5	94.7	94.7		94.7 95.5	94.7	94.7 95.5	94.7 95.5	94.7 95.5	94.7 95.5
≥ 3500 ≥ 3000	10.4	73.9 74.4	95.1	75.2 95.9	95.7	95.7	96.5	75.7 96.5	96.5	95.7 96.6	96.6	95.7 95.6	95.7 96.6	95.7 96.6	95.7 96.5	96.6
≥ 2500 ≥ 2000	01.6	96.1	95.5	96.7 78.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4 99.2	97.4
≥ 1800 ≥ 1500	21.6	96.2	97.8	98.2	93.9	99.U	79.1	99.1	59.1	49.2 99.4	95.2	99.2	99.2	99.2	99.4	99.4
≥ 1200 ≥ 1000	21.6 	3 € • 6	98 • 3 93 • 1	99.6 98.6	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.5 99.8
≥ 800	51.0	96.6	98.3	99.6 98.6	99.4 99.4	99.4	99.5 99.5	99.5	99.5	99.7	99.7	99.7	99.7		99.8 100.0	
≥ 700 ≥ 600	<u> </u>	96.6	98.3	98.6	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0 100.0	100.0
≥ 500 ≥ 400 ≥ 300	31.6 31.9	96.6 36.6	98.3	98.6 98.6	99.4	19.4	99.5 99.5	99.5 99.5	99.5 99.5	99.7	99.7	99.7	99.9	99.9	1.0.0	180.0
≥ 200	11.3	96.6	98.3	97.6	99.4	99.4	99.5	99.5	99.5	99.7	99.7 99.7	99.7	99.9 99.9		1 .0.0	156.5
≥ 100 ≥ 0	cl.d	96.6	98.	₹8.6 ₹8.6	59.4	99.4	99.5	75.5	99.5	99.7 99.7	99.7	99.7	99.9 99.9	1	1.0.0 1.0.0	

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

LEATE - STRVICTIMAC

### CEILING VERSUS VISIBILITY

VINERY STATES CONTER FL 61-75,73-35

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				-			VIS	IBILITY -ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2⁻-7	≥?	≥1,,5	≥1.	≥1	≥ 1,4	≥ '8	≥ ,	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	13.4 73.2	5 •∂ 73•5	5 • 9 7 • e	51. • 5 70 • 6	7 6		50.9 78.6	50.9 73.6	≛೧.೧ 73.8	50.64 7d.€	50.4 78.6	50.0 73.0	5 • 9 7 × • 6	50.6 72.6	-,^•9 73•6	
≥ 18000 ≥ 16000	75.4 75.8	73.0 75.1	70.1	70.7	78.7 79.1	79.1	72.7 79.1	79.7 79.1	72.7	76.7	78.7 79.1	7:.7	78.7 79.1	78.7 79.1	78.7 79.1	73.7 75.1
≥ 14000 ≥ 12000	79 • 1 .3 • 3	92.6 58.J	ê 1 <b>.</b> 1	32.7	82.7 88.1	82.7	32.7 88.1	82.7 58.1	82.7 33.1	F2.7 98.1	82.7	8:.7 82.1	87.7 88.1	82.7	62.7 68.1	82.7 88.1
≥ 10000 ≥ 9000	5 • 2 • 4 • 1	71.2 94.8	91.1 94.0	94.9	91.3	34.9	51.3 94.9	91.3	91.3	94.9	91.3	71.3 94.7	94.9	91.3	91.3 94.9	94.9
≥ 8000 ≥ 7000	53.4	95.4 95.5	9 . 6	39.5 95.6	95.5 95.6	195∙6	95.5 95.6	95.5 95.6	95.5	95.5	ςς.ε 95.6	95.5	95.5	95.5 95.6	95.5	73.6
≥ 6000 ≥ 5000	58.7 58.9	95.8 95.1	95.9	91.9	9 9 5 £ . 2	70.2	95.9	95.9 96.2	95.9 96.2	95.9	95.0 96.2	95.9 96.2	96.2	96.2	96.2	95.9
≥ 4500 ≥ 4000	69.3 69.3	96.8 97.1	95.7 97.7	96.9 97.2 97.7	96.9 97.2 97.7	77.2	96.9 97.2 97.7	96.9 97.2	96.9 97.2 97.7	96.9	96.9	96.9 97.2 97.7	96.9 97.2	95.9 97.2 97.7	95.9	9. 9
≥ 3500 ≥ 3000 ≥ 2500	69.0	97.0	95.5	98.0	97.7 98.5	98•€	98.0	93.L 98.6	98. 98.	3.80	98.6	98.6	98.0 98.6	98.0	98.0 98.6	58.0
≥ 2000	·C · 1	70.8 76.8	99.5	79.5	99.7	99.7	99.7 99.7	99.7	59.7 39.7	99.7	99.7	99.7	99.7 99.7	99.7	99.7	- 1
≥ 1500	5 . i	98.3	99.5	99.6	99.7	39.7	99.7	99.7	99.7	99.8	99.7	99.8	99.7	79.7 99.8	99.7	1
≥ 1000	5 1 3	99	99.7	39.7	_	39.9	99.9	99.9	99.4	99.9	99.¢	99.9 99.9	99.9	99.9	99.9	09.9
≥ 800	3ۥ\$ 90•\$	99.1	99.7	59.7		99.9	99.9	99.9 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 99.6
≥ 600	90.3 93.3	79.0 9 <b>9.</b> 0	99.7	99.7	99.9		99.9	99.9			99.9	99.9	99.9	9 <b>9.</b> 9	100.0	100.0 170.0
≥ 400 ≥ 300	90.3	99.U	99.7	99.7	99.9	99.9	99.9			99.9	(	99.9	99.9	99.9	1_0.0 1   0.0	173.0 175.0
≥ 200	92.1	99.1	99.7	99.7	99.9	19.9	99.9		99.0	99.9	99.4	99.9	99.9		1,0.0	10.00
≥ 0	3€ • 3	29.0	99.7	39.7	99.0	99.9	99.9	99.7	99.0	79.9	60.0	99.9	39.9	39.4	1.0.5	1 1 1 • 1

NAMES Y SEASO CENTER FL 63-75,73-3

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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£	L	۷	_	_
HOURS	ı	5	,	

CEILING			<del></del>				VIS	BILITY (STA	ATUTE MILI	E51						
PEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥27	≥ 2	≥1.57	≥1'4	≥1	≥ 1/4	≥ '⁄4	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	14 . 5	77.1	a2.1 79.5	12.1 79.6	7 • 6	32.2 79.7	22.2 79.7	5.2 • 2 79 • 7	52.7 79.7	12.02 79.7	00.0 79.7	50.2 79.7	52.2 79.7	79.7		7 <b>, , 7</b>
≥ 18000 ≥ 16000	74 • 5 75 • 6	79.4 35	75.7 8'.5	77.0	70.9	79.9	79.9 1.0	79.9 51.0	79.9	79.9	79.6 31.5	79.3 21.3	79.9	79.7 31.	77.4	77.3
≥ 14000 ≥ 12000	79 • . -2 • 1	54.1 88.3	54.5 8d.7	34 • 6 82 • 8	84.7 89.9	34.7	34.9 59	64.8 89.1	84.8 39.€	24.8 25.0	84.8	84.5 89.0	34.3	64.8 89.0	84.1 29.0	39.0 39.5
≥ 10000	24.3 5.6	91.3	91.5	91.9 93.6	93.7	9 • 3 . 7	92 <b>.1</b> 93.8	92•1 93•3	93.3	92.1 93.3	92.1 93.5	92 • 1 93 • 8	92.1 93.8	42.1 93.2	92.1	93.0
≥ 8000 ≥ 7000	6 • 1 5 • 1	93.7	94.3	C4 - 4	94.5	74.5 74.6	94.7	94.6	94.6 94.7	94.6	94.0 94.7	94.6	94.7	94.7		74.0 54.7
≥ 6000 ≥ 5000	6 • 7 6 • 7	24.5	95.1	95.0 95.3	95.4	35.4	95.5	5 • 2 5 • 5	95.2 95.5	95.0	95.0 95.5	95.2 95.5	95 - 2 95 - 5	95.5	55.3 55.5	90.5
≥ 4500 ≥ 4000	.7.1	94.9	94.	75.7	95.8 96.3	35.9 30.3		96.4	96.7 96.4	96.4	96.4	96.		96.4		00.4
≥ 3500 ≥ 3000 ≥ 2500	-7.4 -7.7	95.7 96.1 94.7	96.9	96.5 37.7	96.7 97.1	96.7 97.2 97.9		96.3 97.3	96.° 97.3	95.5 97.3 96.1	96.9 97.3	96.9 97.3 91.1	96.9 97.3 93.1	96.7 97.3	96.° 97.4 93.1	93.9 97.4 93.1
≥ 2000	:6 · 7	97.1	93.7	98.8	99.1	99.1	99.3	59.3	99.3	29.4	99.4	99.5	99.4	99.4	99.4	99.4
≥ 1500	.8 -3	97.9	93.3	99.1	99.4	39.4	99.6	99.6	99.E	99.3	99.7	99.5	59.7 99.3	59.7 99.8	59.7	
≥ 1000	38 • 1 3 • 3	98.1	92.9	39.2	39.5 99.5	- 1	99.7	79.7	99.7 99.7	99.5	99.8	99.8		99.0		
≥ 800	ু ১৫ • ব	98.1	98.4		99.5		99.7	99.7	99.7	99.8	99.8	99.8	99.0	99.9	99.5	99.9
≥ 500	89.3	98.1	99	99.2	99.5	99.6	99.7	99.8	99 E			99.9	99.9	99.9	100.0	
≥ 400	28 8 68 8	98.1	99.	99.2	99.5	99.6	- 1	99.8	99.8	99.9	-		160.0		100.0	100.0
≥ 100	. g . g	98.1	97.	79.2	99.5	9.6	99.8	9.8	99.6	99.9	99.9	99.3		1:0.0	1:0.0	1666
≥ 0	35.3	90.1	99.	79.2	99.5			99.8	- 1		99.0		າ່ວເັ•ດ		100.0	122.5

			TOTAL NUMBER OF OBSERVATIONS	<del></del>
SAF ETAC	FO#44 IUI 64	0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE		

THAE OUTHATOLOUN REALIGHT SHRIND #: ATH I SERVICE/"AC

# **CEILING VERSUS VISIBILITY**

TAIN MENNERY PACE CENTERS 67-75,75-65

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							VIS	IBILITY :ST	ATUTE MIL	.ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2,	≥ 2	≥17	≥1.	≥)	≥ 1,4	≥ ''a	≥ 2	≥ 5 16	٠ ج	≥0
NO CEILING ≥ 20000	55.1 21.1	68.3 94.5	54.7	67.5 84.8	6 .5 93.1	€ • 5 • 5 • 1	ر د د ن از د د د	65 > 5 • 1	ë • 4 3 ° • 1	6:05 25.1	6 . 1 6 . 1	65	5.5	58.5	67.5	60.5 75.1
≥ 18000 ≥ 16000	5 2 5 3 5	:4.5 :4.9		94.9	95.2 95.5	`5•2 .5•5	35.7 35.5	-5.2 -5.5	თწ•ე გწ•ნ	45.2 :5.1	δ	25.2	c 5 • 2 d 5 • 5	25.7 25.5	:5.2	65.0 JJ.6
≥ 14000 ≥ 12000	32.5 35.1	36.5	87.1 91.	97.2	87.4 91.3	37.4	27.4 71.3	87.4	91.3	27.4 21.3	57.4 91.3	27.4 91.3	57.4 91.3	87.4 91.3	-7.4	67.4
≥ 10000 ≥ 9000	98.3	93.4	93.7	33.9 36.0	90.2	94.5 96.2	94.7 96.7	96.2	94.	96.2	94. 96.2	94.	54 . 1. 90 . 2	94.	94.0 96.0	94.0 55.2
≥ 8000 ≥ 7000	30.3 31.0	75.5	96.1	76.2 96.9	96.5 97.1	36.5 97.1	96.5 97.1	96.5	96.5	97.1	96.E 97.1	96.5 97.1	96.5	96.5	76.5	96.5
≥ 6000 ≥ 5000	01.4	76.0 96.9	95.9 97.2	97.5	97.2	97 • 2 9 <b>7 •</b> 5		97.2 97.5	97.5	97.2	97.°	97.5	97.2	97.	77.5	97.4
≥ 4500 ≥ 4000	1.5	97.1	97.4 97.6	97.5	97.7	97.7	97.7 98.3	67.7		97.7	97.7 58.		97.7	97.7 98.0	98.3	97.7
≥ 3500 ≥ 3000	91.9 92.5	97.4	97.7	97.8	98.1	98.1	98.1	98.4	99.4	< 3 . 1	98.1 98.4	98.1	96.4	93.1	98.1	98.1
≥ 2500 ≥ 2000	52.3	78.3 79.0	93.7	39.6	99.E	29.0	99.7	99.0	99.	99.8	99.0	99.5	99.6	9. L	99.2	99.0
≥ 1800 ≥ 1500	92.9	79.0 99.1	90.5	99.6	99.8	99.3	59.8	99.3	99.5	a6.3	99.8	99.9	99.5	99.8 99.9	99.9	99.8
≥ 1200 ≥ 1000	93.1	99.2	99.7	99.5	100.0	100.0	166.5	100.0		100.0	160.0	100.5	16^.8 160.8	1 J C • 6.	122.5	100.0 100.0
≥ 900 ≥ 800	·3.1	99.2	99.7	99.8		100.0	100.6 100.6	100.0	160.0	106.0 106.0	100.0		100.0			100.0
≥ 700 ≥ 600	73.1	59.2	99.7	79.8	1 1.0	168.0 1.0.0	100.0	100.0 100.0	105.0 105.0	100.	100.0 100.0	100.C	105.0		100.0	150.0
≥ 500 ≥ 400	93.1	99.2	99.7	99.8	101.0	150.8		100.0	103.0	100.0	165.0 165.0	100.0	100.0	100.0	100.0	100.0 102.0
≥ 300 ≥ 200	93.1	99.2	99.7	99.8		100.0		100.0	165.5		120.0	100.0		10 <b>0.</b> 0	100.0	170.E
≥ 100 ≥ 0	93.1	39.2	95.7	50.8	100.0	170.0	10C.C	1000	100.0	130.0 100.0	100.0	100.0	10 .0	1 ( C	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORNOLETE

NA NAME Y SPACE CINTER FL 65-75,75-85

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.~	≥1%	≥1	≥ 1,4	≥ '₄	≥ %	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	<b>ບີ</b> • ທ	71.8 ~ 3.1	71.1 35.1	7 2 36.5	70.7 57.0	72.7	72.7 _1.7	72.7 27.0	72 • 7 57 • ±	7 e 57 . 1	72.3 37.1	72.5 27.1	71.3 37.1	72.3 57.1	72.3 57.1	7. • °
≥ 18000 ≥ 16000	1.1	27.4	81.3 37.	₹6.7 37.5	8 2 . 1	27.2 33.1	±7.7	77.2 73.1	37.7	47.3	67.3 64.2	87.3 85.2	±1.2	67.3 28.2	57.3 38.2	67.4
≥ 14000 ≥ 12000	33•3 73•4	38.7 31.J	91.	34.	37.6 91.8	99.5 91.3	91.2	29.6 01.8	29.5 91.5	39.7 91.9		89.7		89.7 91.9	39.7 91.9	63.c 52.e
≥ 10000 ≥ 9000	, 6 • d	91.1 95.4	9 <b>!•1</b> 9°•:	53.4 35.5	94.7 96.0	14. 15.u	94.1	94.3 96.3	94.1 96.1	94.1 76.1	94.1 96.1	94.1	94.1 95.1	94 • 1 96 • 1	94.1 -6.1	54.2 55.2
≥ 8000 ≥ 7000	ເ <b>ປ</b> •3 ອ9•1	95.5 95.7	95.	;5 • 6 ;5 • ∪	90.6	76.3 76.5	96.3 96.6	76.3 96.6	96.3 76.6	96.5 96.7	56.5 56.7	96.5 96.7	96.5 96.7	96.5 96.7	76.5 76.7	76.€ 13.€
≥ 6000 ≥ 5000	d∓.4 29.7	76.6	96 • 1	76.5 76.9	97.4	97.0 97.4	97.0 97.4		97.1 97.4	97.1 97.5	97.1 97.5	97.1 97.5	97.5	97.1 97.2	57.1 57.5	= 7 • = 7 • =
≥ 4500 ≥ 4000	S(1.1 ∀1.1	○7 • 1 ○ 7 • 1	97.1 97.1	97.4 97.4		90.0 93.0	98.5	98.0 98.0	98.0 98.0	9ε•1 ၁ <u>၉</u> •1	98.1 98.1	93.1 9/.1	55.1	96.1 98.1	98.1 93.1	9:0
≥ 3500 ≥ 3000	90.3 40.3	-7.5 97.5	97.5	57.8 97.8	90.4	93.4 38.4	99.4 58.4	70.4 98.4	98.4 98.4		98.5	98.5 95.5		98.5 98.5	98.5 98.5	90.0 90.6
≥ 2500 ≥ 2000	20•2 90•4	97.5 98.2	97.6 98.4	99.0 99.6	55.4	^3.5 99.4	38.5 99.4	98.5	98.5 99.4	99.5	99.5	99.5 99.5	99.5	98.6 99.5	98.5	99.6
≥ 1800 ≥ 1500	4 . <b>4</b>	99.3 98.4	90 • 4	93.3 94.0	)	9.5	99.5 99.6	99.5	99.5 99.5	99.7	99.5 99.7	99.6	99.7 99.8	99.7	99.7	69.8 69.9
≥ 1200 ≥ 1000	77.5 8.	ଅନୁ <b>.4</b> ଜନ <b>୍ୟ</b>		99.0 99	99.6	99.5 99.6	99.6	C7.6	99.6	99•7 99•7	59.7 99.7	99.7 99.7	99.3 99.3		99.8 99.8	99.9
≥ 900 ≥ 800	45.65 47.65	98.4 98.5	99.5 93.7		99.7	99.6 99.7	99.7	99.7	99.1 99.7	99.7 9 <b>9.</b> 2		99.7 99.8		99.3 99.9	99.3	176.5
≥ 700 ≥ 600	90•3 90•3	90.5 12.3	99.7 94.7		95.7	99.7	99.7 39.7	99.7	99.7 99.7	99.8 99.8	99.8	99.8 99.8	99.9	99.9 99.9		106.6 106.6
≥ 500 ≥ 400	4C•3	13.5 13.5		99.1	99.7	39.7 99.7	59.7 39.7	79.7 99.7	99.7	99.8 99.5	99.8	99.3 99.8	99.9	59.9 99.9	99.9 99.4	1
≥ 300 ≥ 200	90.5	94.5 93.5	96.7	99.1	99.7	99 <b>.7</b> 99 <b>.7</b>	99.7	99.7	99.7 99.7	99.8	99.3	99.3	99.9	99.9	99.9	
≥ 100 ≥ 0	•	98.5		99.1 99.1		94.7 -9.7	99.7 99.7	99.7	99.7 99.7	99.8	99.8	99.8	99.9	99.9	99.0	

TOTAL NUMBER OF OBSERVATIONS....

USAF ETAC 101.64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

STATION NAME

55-17,73-L

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	E5						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.9	≥1.	≥1	≥ ~	≥ >•	≥ :	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	.5 • 6 7 2 • 3	52.9	63.4 32.4	3 • 9 32 • ¢	63.7	23.7	63.3	1		24.5 13.5	សូម•្ ភូ⊈•្	64.1 83.5	04.1 03.7	64 • 1 63 • 7	l,	64.J
≥ 18000 ≥ 16000	72.4 74.3	4 2 • 3 3 • €	63. 64.5	33.4 24.9	37.9 85.3	1 1	34.7 35.5	34.0 95.5	84.1 55.5	25.2 25.7	3 <b>4.</b> 7 83.7	94.2 95.7	34.3 35.8	34.3 :5.€	+4.0 65.0	4.5
≥ 14000 ≥ 12000	77•. 14•3	95.5 95.2	87. °	37.0 94	3 ° • 1 Ç • • 0		3°•2 91•1	93.2 91.6	91.	36.4 91.2	88.4 51.2	91.2	34.5 51.3	38.5 71.1	98.5 91.7	1.0-
≥ 10000	52 • 7 5 <b>3 •</b> 2	93.9	94.7	94.0 75.2	94.3	5 و 7	95.7	95.7	94.° 95.7			99.9	54.B	94.8 95.	94.5	76.
≥ 8000 ≥ 7000	54.3 4.3	95.1	94.0	96.5	96 • 3 56 • 7	~ b • 7	96.9		96.9		96.1	96.E	96.9	90 • 7 97 • 2	97.2	
≥ 6000 ≥ 5000	-4.7	95.3	96.7	96.0 97.1	94.9	97.4		97.6	97.6	97.3 97.8	97.	97.5	95.3	97.4 -9.	47.4 97.1	
≥ 4500 ≥ 4000	34 • \$ -4 • 3	9e•″ 9e•1	96.3 97.	97.3 27.5		97.3	98.1		28.1	98.1 98.3			98.2 92.4	98.1 93.4		
≥ 3500 ≥ 3000	54 • 4 54 • 5	93.3		97.6 97.7					99.3	98.4 98.5	99.5	98.4 98.5	98.5 93.6		98.5 98.6	1 c . 1
≥ 2500 ≥ 2000	.4.3	76.3 27.1	95.	97.8 99.5	99.08	46.3		98.4	98.4	98.6	99.0	95.t 99.2	99.7	98.7 99.4	99.7	o <del>j</del> • s
≥ 1800 ≥ 1500	24.9 24.9	97.1	98.€	78.5 7:.5		93.8	99.0 99.3		99.€	99.2	99.1	99.2	99.4	99.4 59.4	59.4	99.(
≥ 1206 ≥ 1000	4.7	97.1	98.	93.6 93.6	93.9	90.9		99.1	59.1	99.4	55.4	99.4	99.5		99.5	99.7
≥ 900 ≥ 800	25 • 1 25 • 1	97.2	98.1	99.8		79.1 39.1		99.4	49.4	99.6	99.4			79.7		30.0
≥ 700 ≥ 600	იშ•1 ა5•1	97.2 47.2	98.1	93.8 94.8	99.1	99.1	99.4 99.4	99.4	99.4	99.6	59.5	99.6		99.7	39.7 59.7	\$4.5
≥ 500 ≥ 400	35.1 35.3	47.2 27.3	98.2	90.8	99.1	49.2	99.4 99.5	9.5	99.5	99.6 99.7	99.7		99.7	99.7 99.8	99.5	ice.
≥ 300 ≥ 200	55.2 35.3	97.3	9 á e	92.9	99.2	19.2	39.5 59.5	99.5	99.6	99.7	55.7	99.7	99.8	99.8	59.8	
≥ 100 ≥ 0	:5•2 :5•3	97.3	99.	9 9	99.2 99.2			l .		99.7		99.7	0 0 0 0 0 0		99.8	1

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

USAF ETAC (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

- 1217 H 3E3410,781

Property Addition (A) 25

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IST

CEILING							VIS	BILITY ST.	ATUTE MIL	ES						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	21 >	≥1.4	≥1	≥ 1,4	≥ 1/0	2 ;	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	7.6	50.5 0•5	5°.	5:.9 31.2	61.2	53.9	ეშ.9 ~1.2	50.9 21.2	51.7 21.3	1.2	5°.9	59 91.2	50.9 31.2	58.9 21.2	13.9 11.2	1.3
≥ 18000 ≥ 16000	73 • 2 7 • • 1	51•2 50•2	01.4 92.5	≟1•7 ∃∠•7	51.7 20.7	£1.7	81.7 \$2.7	91.7 82.7	61.7	91.7 82.7	51.7 37.7	81.7 82.7	61.7 62.7	21.7 £2.7	31.7 32.7	61.7 5?
≥ 14000 ≥ 12000	.3. ∈6.0	ო6∙5 90•0	8ۥ8 9 •	37.°	87•3 5.•5	47.1	37.°	97.2 92.5	57. °	87. 55	37. 91.1	37.0 91.0	27.0 9.0	6 <b>7.</b> € 70.	27.€ 90.5	7. 95
≥ 10000 ≥ 9000	ଅଷ•7 ୬ଅ•1	93.0	93.3	73.5 95.2	97.5 95.2	03.5 93.2	93.5 95.2	93.5 55.2	93.5 95.9	93.5 95.3	93.5 95.2	93.5 95.2	93.5 95.2	45.2	33.5 75.2	9202
≥ 8000 ≥ 7000	90.6 90.6	95.2 95.2	95.5 95.5	95•7 95•7	95.7 95.7	95.7 95.7	95.7 95.7	95.7 95.7	95.7 95.7	95.7	95.7 95.7	95.7 95.7	95.7 45.7	75.7 95.7	75.7 75.7	
≥ 6000 ≥ 5000	9 % • \$ 9 f • \$	95.4 95.5	95.7 95.8	95.9	919	95.9 95.0	95.9 96.0	95.9 96.0	95.9 96.0	95.7	C4. ^	95.9 96.0	95.9 95.E	95.0 66.0	76.	" - 9   - 1 ( • -
≥ 4500 ≥ 4000	91•3 9≅•9	95.7	95.9 96.	96 • 1 96 • 2	96.2	96.1 26.2	36.1 95.2	96.1	96 • 1	96.1 96.2	96.0	90.7	96.1 96.2	35.1 56.2	50.1 76.5	<u> </u>
≥ 3500 ≥ 3000	71.0 71.0	95.8 95.9	9c.1	9 € • 3 3 6 • 3	96.3 96.3	· · · 3		○6 • 3 ○6 • 3		56.3 90.3	96.3 96.3	96.3 96.3	96.3	96.3 96.3	76.3 76.3	30.5
≥ 2500 ≥ 2000	1.5	76.5 98.9	95.3	97.5	97.5	9.5	97.5	67.U	97. 99.5	97. 99.5	97. 99.5	97.5	97.5 99.5	97.		99.5
≥ 1800 ≥ 1500	93.3 94.	97.9 59.1	99.1	79.5	99.5	99.5	99.7	99.5	99.5	99.6 99.8	99.F	99.5	99.6 99.8	99.E	99.6	99.8
≥ 1200 ≥ 1000	94.1	9.2	99.5	99.3 79.8	95.8	99.3	99.8	99.8	99.8	99.9	99.0		99.9	99.9	59.4	59.5
≥ 900 ≥ 800	>4.1 >4.1 54.1	79.2 99.2	95.5	99.8 39.8	99.8	99.8	99.8	99.8 99.8	99.5	99.9	99.9		99.9 99.9	9.9	99.9	79.9
≥ 700 ≥ 600	74.1	99.2	97.0	39.3	95.8	99.3	99.8	99.8	99.5 99.5	99.9	99.9	99.9 99.9	99.9	99.9 99.9	99.9 99.3	35.0
≥ 500 ≥ 400	74 . 1	49.2	99.7	59.9	99.9	79.9	99.9	99.9	99.9 99.9	1	100.0 100.0	190.0	100.0 100.0	150.5 150.5	100.1	1.000
≥ 300 ≥ 200	74.1	9.2	99.7		99.9	79.9 79.9	1	99.9	90.0		107.1	100.0 100.0	100.0 100.0	113.5	107.0	1
≥ 100 ≥ 0	.4.1	25.2	39.7	09.9	30.0		39.9	99.9		176.0		100.0	101.0 135.0		100•0 100•1	11

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ G 3

USAF ETAC LILE 4 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

HOUND SERVINGER IN FAMOR VEATA - STAVICIZAN

### CEILING VERSUS VISIBILITY

SAUSSIGNY OF ACT OF THE EU-71,73-9

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING			_				VIS	BILITY STA	ATUTE MIL	<b>E</b> S						
FEET	≥10	≥6	≥ 5	≥ 4	23	≥2 ;	≥ 2	≥1.7	≥1.	≥1	≥ %	≥ >₀	≥ ;	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	77.2	31.6 11.2	51.4 91.4	11.6 11.4	.1.6 31.5	1.5	, ,	-1.0 -1.5	51.5	51.6 -1.5	51.6 51.5	81.5	51.6 31.3	51.0 91.5	11.5	fi.:
≥ 18000 ≥ 16000	17.2	21.2 2.4	31.4	21.4 -2.6	31.5 32.7	1.5 62.7	82.7	11.5 82.7	52.7	-1.5 e1.7	€1.6 €7.7	21.5 82.7	61.5	61. 82.7	21.5 82.7	51.5 82.7
≥ 14000 ≥ 12000	20.1 20.1	34.6 47.4	84.9 57.6	34.5 37.6	£4.9	34.9	37.7	84.9	37.7	24.9 87.7	64.5 87.7	84.9 97.7	84.9 87.7	37.7	67.7	54.9 87.7
≥ 10000 ≥ 9000	.6.2	< 2 • 3 4 3 • 7	92.5	92.u 93.9	92.6 94.5	92.5 34.5	92.6 94.0	52.5	92.5 94.1	97.5 94.0	97.6 94.	02.6 94.0	72.6	92.5 94.	50.6 54.0	92.0
≥ 8000 ≥ 2000	7.3	94.5	94.4	94.4 94.7	94.5 94.8	74.5 94.3	94.8	74.5 94.8	94.5	74.5 94.8	94.5	94.5	94.5	94.5	94.5 94.9	94.0
≥ 6000 ≥ 5000	.3.3 .3.1	94.0	95.1 95.1	95.1 95.1	9 1 • 2 9 5 • 2	95.2	95.2 95.2	35.2 95.2	95.2 95.2	95.2 95.2	95.0 95.2	95.2 95.2	95.2 95.2	95.2 95.2	95.2 95.2	0.j.; C.a.;
≥ 4500 ≥ 4000	5 • 3 - A • 9	95.1 93.1	95.3 95.3	95.4 95.4	25.5 95.5	75.5 75.5	95.5 95.5	95.5	95.5 95.5	95.5 95.5	95.5 95.5	95.5 95.5	95.5	95.5 95.5	95.5 95.5	95.0 65.0
≥ 3500 ≥ 3000	99.4	95.3	95.9	95.6 96.	95.7	95.7 96.1	95.7 96.1	95.7	95.7 95.1	95.7 96.1	95.7 96.1	95.7 95.1	75.7 96.1	95.7 96.1	95.7 96.1	96.7
≥ 2500 ≥ 2000	39.5 71.0	96.3 98.7	95.6 99.	96.7 99.1	99.2	95.8 69.2	96.8 99.2	96.8 29.2	96.¢	96.2 96.2	96.4 99.2	96.9 99.2	46.8 99.4	96.3 99.4	95.3 99.4	96.5 59.4
≥ 1800 ≥ 1500	1.2	95.9 99.0	97.0 97.4	9.4	99.5 99.7	99.5 99.7	99.5 99.7	9.5	99.6 99.7	99.5 99.7	99.3 99.7	99.5	99.6 99.9	59.6 99.5	99.6 99.8	99.6
≥ 1200 ≥ 1000	71.3 71.7	39.2 39.2	99.5	99.8 99.8	99.9 99.9	39.9 39.9	99.9	99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9	100.0 100.0	140.0 160.0	100.0 100.0	101 • i 102 • i
≥ 900 ≥ 800	91.2 91.3	99.2	99.0	99.8 99.8	99.9 99.9	;9.9 99.9	99.9 99.9	99.9	99.9	99.9	99.4 99.5	99.9	166.3 166.6	100.0 100.0	166.0 166.9	130.3 150.5
≥ 700 ≥ 600	51.3 [1.2	79.2 79.2	99.6	79.8 79.8	99.9 99.9	39.9	99.9 99.9	99.9	99.5 93.9	99.5	99.9	99.9 99.9	155.6 155.5	100.0 100.0	100.0 100.0	100.0 100.0
≥ 500 ≥ 400	91•2 91•2	99.2	99.6	49.3 49.8	99.9 99.9	29.9 99.9	99.9	99.9	99.0 90.0	99.5	99.9 99.9		100.0	160.1 160.1	165.5 133.6	
≥ 300 ≥ 200	91.2 91.2	99.2	95.	99.3 99.3	95.9	99.9	35.9 59.9	29.9	99.4	99.9	99.9	99.9	140.0		100.0 100.0	17
≥ 100 ≥ 0	91.2	99.2	99.6	99.8 79.5	9 n . 9	99.9 99.9	99.9	99.9	99.0 99.9	99.9	99.0	99.3		100 100.0		

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STATION STATION NAME VEAST

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 2	≥ ?	21%	≥174	≥1	≥ ¹₄	ه,ر ≷	≥ 5	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	43.1 64.3	45.1 74.9	45.3	7.5.3	4 · · · 1 7 · · 3	45.1 75.3	44.1 75.3	45 • 1 75 • 3		4 · • 1 75 • 3	41 • 1 75 • 3	41.1 75.2	45.1 75.3	45.1 75.3	45.1 75.3	75.1
≥ 18000 ≥ 16000	72.3	73.6 75.9		75.9 76.2	75.9 76.2	75.9 75.2	75.9 76.2	75.9 76.2	75. 76.	75.9 73.2	75.0 76.0	75.9 76.2	75.9 76.2	75.9 76.2	75.9 76.2	75.9
≥ 14000 ≥ 12000	72 • • · · ·	78.3 22.0	77.40 82.4	71.6 32.4	73.6 50.4	78.6 42.4	78.6 27.4		76•r =?•4	73.6 32.4	78.6 32.4	73.3 82.4	75.6 82.4	78.6 32.4	73.5 82.4	7ć
≥ 10000 ≥ 9000	79.9 30.3	37.6 70.1	88.3 91.5	30.5 97.5	90.5	00.5	39.5 7.5	48.€ 20.63	3	. ده عورو	8 a	88.0 91.5	5°.5	# <b>8.</b> 5	63.7 90.5	23.1 9
≥ 8000 ≥ 7000	71.3	91.5	91.7	91.7	91.7 91.7	21.7 31.7	91.7 91.7	91.7 91.7	91.7 91.7	91.7	91.7 91.7	91.7 91.7	91.7 51.7	91.7 91.7	91.7 71.7	41.7 91.7
≥ 6000 ≥ 5000	:1.3 :1.3	92.7	92.5 93.3	90.6 33.4	97.6	92.6 93.4	52.6 93.4	°6 € 6 • 4	92.6 93.4	92.6 9 <u>7.4</u>	92.6 92.4	0 4 0 9	92.6 91.4	02.5 73.4	72.6 33.4	0 0 √
≥ 4500 ≥ 4000	-1.3	92.8 93.1	93.4	94.J	33.7	93.7 94.0	93.7 94.0	93.7	7 7 9 9	72.7 94.i	93.7 94.0	93.7	93 <b>.7</b> 94.0	93.7	93.7 94.5	93.7 94.
≥ 3500 ≥ 3000	32.3 33.3	93.5	94.2 95.4	34.4 35.0	94.4	54.4 55.6	94.4 95.6	95.6		94.4 95.6	94.4 95.6	95.6	94.4 95.6	94.4	95.6	
≥ 2500 ≥ 2000	გ3•1 ც3•1	96.5	95.6	96.d	95 <b>.</b> 1	95.3	96.1 98.3	96.0 CE.3	95. 98.7	ရမ. 98.4	96.1 98.4	96.4	96.0 98.5	96 • 1 98 • 5	96.0 98.5	96.C
≥ 1800 ≥ 1500	23.9 .4.3	97.0	93.7 98.5	95.d	92.8	98.8 99.1	78.8 99.1	78.9 79.2	98.0 99.2	90.4	99.4	99 99.4	99 <b>•1</b>	99.1 99.5	99.1 99.5	99.1 99.5
≥ 1200 ≥ 1000	.4 •	97.4	98.7 98.7	79.5	99.5 99.5		99.5 99.5	99.6 99.6	99.6	99.7 99.7	99.7 99.7	99.7	99.9	99.9 99.9	99.9	99.9
≥ 900 ≥ 800	:4 •	97.4 97.4	98.7 93.7	79.5 79.6		99.5 79.5		99.6 99.7	99.1 99.7	99.7 99.8	99.7 99.8	99.7 99.8	99.9 133.0	99.9 100.0	99.9 150.8	99.9 166.5
≥ 700 ≥ 600	34	97.4	98.7	99.6	97.6		99.6 99.6	99.7 99.7	99.7 99.7	99.3 99.3	99.2 99.8	99.3 99.3	169.0 160.0	100.0 100.0	100.0 138.0	15i. 18o
≥ 500 ≥ 400	;4•1 .4•1	97.4 97.4	93.7 92.7	79.6 79.6		99.5		99.7	99.7 99.7	99.8 99.3	99.8 99.8	99.8 99.8	1:0.0 1:0.1	100.0 100.0	100.0 100.0	180.0 180.0
≥ 300 ≥ 200	24 • C	97.4 97.4	93.7	99.0	99.6	99.6	99.6		99.7 99.7			99.8	1.0.7	1	1 40 • 0 I 40 • 0	1:1:1 1:1:1
≥ 100 ≥ 0	.4.	97.4		99.6 99.6	99.6 79.6		99.6 99.6	99.7	99.7 99.7	99.3 99.3	99.8 99.8	99.8 99.8	1 (0.0 160.0	100.0 100.0	100.0 1 0.0	i ^ ( • f) 1 ( _ • f)

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIPTICECTY - BANCH -71TAD - VINTER BERVICEZMAC

# CEILING VERSUS VISIBILITY

A ANSEY SPACE CINIES FL (9-70,73-6

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST	ATUTE MIL	ES				_		
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1.2	≥1.	≥1	≥ 14	5 ,•	<b>≥</b> 12	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	7 .3	45.9 75.1	45.°	46.E	4 : • <sup>c</sup> 77 • 4	40.0 77.4	46.0 77.4	46.0 77.4	4 · • (	46.2 77.4	46.	41.L 77.4	4:.0 77.4	46	45 a '	46.
≥ 18000 ≥ 16000	71.3 71.0	71.2 78.	72.3 70.1	76.5 79.4	7:.5 7:.4		12.5 75.4	78.5 79.4	77.46	7. •5 79 • 4	76.5	7:.5 7:.4	7 × • 5	7= • 5 79 • 4	74.5 77.4	70.5
≥ 14000 ≥ 12000	74.6	વ <u>1</u>	82.7 85.1	÷2•4 €c•3	3 ° 4		32.4 36.3	72.4 55.3	36.7	52.4 86.3	82.u 86.7	32.4 95.3	a7.4 6€.3	52.4 56.3	52.4 66.7	°2•4 86•3
≥ 10000	3 1 • 5 3 2 • 0	≈3.9 ≎1.4	90.3 93.3	90.5 93.1	91.5 93.1	6. • 5 3 • 1	9° • 5	93.5	97.5 93.1	90.0 93.1	92.5	95	90.5. 93.1	90.5 93.1	90.5 33.1	5 i. ⊕ !. 9 a • 1
≥ 8000 ≥ 7000	2 3 • 3 2 3 • 3	93.1 93.4	94.5 94.3	94.9 95.2	94.9 93.3		54.9 75.3	94.9 35.3	94.9 95.3	94.9 95.3	94.° 95.3	94.7 95.3	94.9 95.3	94.9 95.3	94.9 95.7	94.5
≥ 6000 ≥ 5000	3 9	93.9 94.2	95.0	95.7 96.0	95 <b>.7</b> 96.7	50.0	95•7 94•0	95 <b>.7</b> 96.0	95.7 96.0	25.7 9€.0	95.7 96.0	25 • 7 96 • €	95.7 95.0	95.7 96.0	95.7 96.0	35.7 94.
≥ 4500 ≥ 4000	4 - 3	94.6 94.9	96.	75.5 75.8	96.5 96.8	95.3	76.5 26.9	9 <b>6.</b> 5 5 <b>0.</b> 3	96.5 96.5	96.5 96.5	96.5 96.8	96.3	96.5 96.3	96.5 96.5	96.5 96.9	90.5 95.5
≥ 3500 ≥ 3000	.4 • 4 .7 • 1	96.3	93.1	97.3 95.5	97.3 93.5	$\rightarrow$	97.3 93.5	97.3	97.3 98.5	97.3 98.5	97.3 98.5	97.3 98.5	97.3 98.5	97.3 98.5	97.3 98.5	9703
≥ 2500 ≥ 2000	>5 • 1 > <sup>2</sup> • 1	96.6 96.0	92.6	93.7 39.0	93 <b>.7</b>	98.7 99.0	99.7 99.1	98.7	98.7 ,9.1	98.7 99.2	98.7	98.7 99.2	98.7 99.2	98.7 99.2	58.7 99.2	98.7
≥ 1800 ≥ 1500	23 • 2 25 • 2	96.9 96.9	98.7	99•1 99•2	99.1	99.2	99.2 59.4	99.4	99.2	59.4 55.5	99.4	99.4	99.4	99.4	99.4	95.4
≥ 1200 ≥ 1000	05 • 2 √3 • 2	97.	94.0	59.4	99.4	99.4	99.5 99.5	99.5	99.5 99.5	99.0	99.7 99.7	99.7	99.8 99.8	99.3 99.8	99.9 99.8	99.3
≥ 900 ≥ 800	35.7 35.7	;7. ;7.	99.0	39.4	99.5	79.5	99.6	99.6	39.6 59.6	99.7	99.8 99.8	99.3	130.0		107.0	155.0
≥ 700 ≥ 600	9 E • 2	97.0	92.9	79.4	99.5	79.5	99.6	9.6 99.6	99.6 99.6	99.7	99.8 99.8	99.8 99.8	140.C	10 <b>0.</b> 0	100.8 180.8	150.0
≥ 500 ≥ 400	85.2	97.0 97.0		99.4	99.5	99.5	99.6 99.6	99.6	99.6 99.6	99.7	99.8 99.8	99.3	146.8	170.0 170.0	160.0 130.7	106.0
≥ 300 ≥ 200	45.2	97.0 97.0	98.9	95.4	99.5			99.6	99.6	99.7	99.9		14n.c	100.0	100.0 100.0	1(5.0
≥ 100 ≥ 0	05.2 35.3	97. 97.	99.9 98.9	99.4	99.5 99.5		99.6 99.6	99.6 99.6	39.6 99.6	99.7	99.8 99.8		1. L.J 160.0	100.U		100.0

TOTAL	NUMBER (	)ŧ	OBSERVATIONS	,	3

USAF ETAC TO 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE MET OF WATEROOM FRANCH. TO THE TO THE NOTE OF SERVICE ANALYSIS

### CEILING VERSUS VISIBILITY

PARCY PACT CENTER FL

6,-7,,73-

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 - 23

CEILING							VIS	IBILITY STA	ATUTE MILI	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1 7	≥1'.	≥1	≥ ½	≥ 7/6	≥ ⅓	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	56 • 7 77 • 1	53.8 31.1	5±.3	59.0 1.6	3.E 31.6	5 51∪	54.0 al.6	50.u =1.6	24. cl.6		57. 81.5	31.60 F1.6	59." 51.6	59. 21.00	27.7 cl.6	-1.6
≥ 18000 ≥ 16000	77.8 77.8	81.5 32.2	87. 82.∓	82.4 32.7	37.4 6 }.7	2.4 32.7	32.7	92.4 82.7	32.4 42.7	22.4 82.7	32.4 82.7	62.4 82.7	67.4 32.7	62.4 52.7	∃2.4 52.7	12.4
≥ 14000 ≥ 12000	/ J. 8	99.4	84.9 59.5	35.3 29.9		·5.3		75.3 89.9	35.3 39.5	95.3 89.9	35.7 69.9	85.0	39.9	- 5 • 3 - 5 <b>9 •</b> 9	5 · 3	63.3 85.9
≥ 10000 ≥ 9000	57.8 39.0	92.7	93.0 94.a	93.2		4.9		53.2 94.9	73. 94.0	93.2	93.7	93.2	93.2 94.9	93.2 94.9	94.9	93.2
≥ 8000 ≥ 7000	93.1 9.1	95.4 95.7	95.6	65.9 6.2		95.9 36.2	15.5	76.2	96.2	9 5 . 9 7 6 . 2	95.0 96.0	95.9	95.9 96.2	95.9 96.2	95.9	95.69
≥ 6000 ≥ 5000	91.9	95.5	96 • d	95.9		96.3	9:03	76.3	96.3 96.9	96.3 96.9	96.3	96.9	95 <b>.3</b> 96 <b>.7</b>	66.9	96.3	9309
≥ 4500 ≥ 4000	71.2	97.1	97.1 97.3	97.4 97.6	97.5	97.4 97.6	97.6	97.4	97.6	91.4 97.5	97.4	97.4	97.4 97.6	97.4	97.4 57.6	97.4
≥ 3500 ≥ 3000	1.9	93.2	97.7	95.1 93.7	99.1	9৪ <b>.1</b> 9৪ <b>.7</b>	98.1	98.1	98.1	98.1	58.1 98.7	9:01	99.1 98.7	93.1	98.1 98.7	5 4 • 1 5 3 • 7
≥ 2500 ≥ 2000	72.4	98.4		99.5	99.7	99.2	49.2 59.7	29.7	99.7	99.2	99.7	99.2	99.2	99.2	99.2	99.7
≥ 1800	7.2.4	3 9 9		99.5	မ= ရ	29.7	99.8	99.8	99.7	99.7	99.7	99.7		99.7	99.5	9.7
≥ 1000	2.04	99.	99.4 99.4	99.7	29.9	9.9	99.9	99.9	59.5	99.9	99.9	99.9		99.9	99.9	
≥ 900 ≥ 800	72.0 72.0	99.1	95.4	99.7	99.9	99.9	99.7	09.9	99.9		99.9	99.9			99.9 162.0	160.C
≥ 700 ≥ 600	92.6	97.0	99.4	79.7 99.7	99.0	79.9	39.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		100.0
≥ 500 ≥ 400	92.6 92.6	99.0 99.0	97.4	39.7 59.7		99.9 99.9	99.9	99.9 99.9	99.9 99.9		99.9	99.0	99.9	99.9 99.9	100.0 100.0	162.1 162.1
≥ 300 ≥ 200	92.6	99.0	93.4	79.7 79.7		99.9	99.9	79.9	99.9	99.9	99.5	99.9	99.9	99.9	) c.n	100.1 100.5 100.5
≥ 100 ≥ 0	92.0	39.	95.4	99.7	99.9	69.9		99.9	39.9	99.9	99.9	99.9	99.9	99.5		1

AL NUMBER OF ORSERVATIONS

USAF ETAC - O-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

, -

AFATHES SERVICE/MAC

# CEILING VERSUS VISIBILITY

YEANEDY SPACE CONTER FE 69-70,73-01

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING					-	-	VIS	BILITY :ST	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 2	≥ 2	≥177	≥1 %	≥1	≥ 4	≥ ′•	≥ ;	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	75.0	57.9 90.d	58.0 81.0	31.4	5:.2 31.5	53.2 51.5	3:.2 31.5	58.2 31.5	ა:•2 3 <b>1.</b> %	55.2 51.6	5°•2 81•5	57.2 81.6	5 3 • 3 5 1 • 6	58.3 91.0	65.3 51.6	68.2 61.6
≥ 18000 ≥ 16000	76.E	81.3 82.1	51. 52.	81.7 82.7	87.0 87.0	92.0 12.8	52.0 82.3	92.0	87 • f	97.1	52.1 32.7	82.1 82.9	62.1 82.9	52.1 c2.5	52.1 52.9	92.1 52.9
≥ 14000 ≥ 12000	17.3	94.5 93.1	85. 88.5	15.2	55.4 35.9	83.4 88.5	55.4 53.9	25.4 33.9	65.4 89.4	85.5	83.5	85.5 88.9	65.5 65.9	95.5 88.9	35.5 38.9	65.51
≥ 10000 ≥ 9000	30.1	91.7 93.6	93.7	92.4 94.3	97.5	92.5 94.4	92.5 94.5	92.5	92.5	92.5	92.6 94.5	92.6 94.5	92.6 94.5	92.5 94.5	92.6 94.5	92.8
≥ 8000 ≥ 7000	:7.0 - ~7.2	94.4	94.9	95 • 4	95 <b>.2</b> 95.5	°5•2 35•5	95.3 95.5	95.3	95.3 95.5	95.3	95.3 95.6	95.3	95.6	75.J 95.6	65.3 95.6	55.4 95.6
≥ 6000 ≥ 5000	7.4	95.0 95.3	95.5 95.5	95.7 96.1	95.8 95.2	95.8 96.2	95.9 96.3	95.9	95.9 96.3	95.4 46.3	95.9 96.3	95.9 96.3	95.9 96.3	65.9 16.3	95.9 90.3	0 6 a
≥ 4500 ≥ 4000	≻7.2 37.9	95.6 95.3		95.4 95.6	96.6 96.7	76.5 96.7	96.8	96.6 96.8	96.6 96.6	96.6 56.8	96.6 96.8	96.6 95.8	95.6 95.3	96.5 95.5	96.6 96.8	
≥ 3500 ≥ 3000	58 1 28 3	90.1 95.5	96.5 97.1	96.9 97.4	97.0 97.5			97.1 97.5	97•1 97•5	97.1 97.5		97.1 97.6	97.1 97.6	97.1 97.5	97.1 97.6	97.1 97.6
≥ 2500 ≥ 2000	6 . 3	96.9 93.0	97.4 92.7	97.8	97.9 99.2	99.2	98.0 99.2	98.0	98.0 99.7	93.t 99.3		95.1 97.3	99.4	78.0 99.4	98.1 99.4	90.4
≥ 1800 ≥ 1500	69.3 67.4	76.1 79.2	92.9	99.2 99.3	99.3 99.5		99.4 99.5	99.4	99.5	99.6	99.6	99.5	99.5 59.7	99.5 99.7	99.5	55.6
≥ 1200 ≥ 1000	69.4 67.4	98.3 98.3	95.1	99.4 99.4	99.6 99.6	₹9.6	99.7	99.7	99.7 99.7	99.7 99.7		99.8	99.8	99.8	99.8 99.8	99.9
≥ 900 ≥ 800	69.5	9 a • 3 9 8 • 4	97.1 99.1	99.5 99.5	99.7 99.7	99.7 99.7	99.7	99.7	99.7	99.9	99.0	99.8 99.8	99.9	99.5		39.0
≥ 700 ≥ 600	39.3 89.3	98.4	94.1	99.5	99.7	39.7	99.7	99.7	99.7	99.3	99.8	99.c	99.9	99.9	96.6	
≥ 500 ≥ 400	55.5 89.3	78.4 93.4	97.1	99.5 99.5	99.7	99.7	99.7	99.7		95.8	99.9	97.3	99.9		160.0	100.1
≥ 300 ≥ 200	26.5	98.4	99.1	99.5 99.5	59.7	99.7 39.7	99.7	99.8		99.3	99.9	99.9	99.9	99.9		112.1
≥ 100 ≥ 0	89.5	93.4 76.4	1	99.5	99.7	99.7	99.7	99.8 9.8		99.8	99.9	99.9	99.9		100.0 107.5	1 1

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4 - 4 ATA 8 SERVICIONS

# CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES.					-	
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 7	≥2	≥) ;	≥11.	≥1	≥	≥ `•	≥ -:	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	75.3	59.3 73.2	6°. 78.5	€ • L 7 ≈ • 6	60.€ 73.€	70.6	31.0 73.7	10.0 76.7	78.7	78.7	ς^•. 7ε•7	76.7	t • 1 73•7	Ei. 78.7	78.7	7.5.7
≥ 18000 ≥ 16000	76 • 3	78.8 78.9	79.7	75.9 72.2	75.9 72	70.9 75.2	79.2 79.3	79.2 79.3	79.1	7 · • . 7 · • .	79.5 79.7	77.0	79.0	79.3	79.5 79.3	79.5
≥ 14000 ≥ 12000	77.3	93.7	გე. ≀ 94.	34.3	9 • 3 8 4 • 0	43 4	3∴.4 ε4.1	G ( . 4 ( 4 . 4	34.1	94.1	50.4 94.1	P 4 64.1	30.4 34.1	35.4 84.1	30.4 84.1	85.4 94.1
≥ 10000	-4•. 25•0	95.1 85.4	୫୫.3 ୫୨.୫	38.3 89.6	58•3 89•8	°3 • 3	58.4 99.9	98.4 89.9	38.4 5°.9	25.4 25.9	£2.4 89.0	35.4 89	58.4 89.9	58.4 80.9	89.4	59.4 89.9
≥ 8000 ≥ 7000	-6.4 -6.5	91.1	91.1 91.4	1 • 2 9 1 • 6	41.2 41.6		91.3 91.7	71.3 91.7	91.2 91.7	91.7	91.3 91.7	91.3 91.7	91.3 91.7	91.3 91.7	91.3 91.7	91.3
≥ 6000 ≥ 5000	:7.1 57.3	91.4 91.7	91.5 92.	91.5 91.5	91.9 97.2	91.7	92.0 92.3	92.0 92.3	52.1 52.3	92.3	92.3 92.3	92.0 92.3	92.0 92.3	92.U	97.r 52.3	02 92.3
≥ 4500 ≥ 4000	98. 48.4	92.6 93.6	93.9	93.1 94.1	97•1 9+•2	·3·1	93.2 94.3	93.2 94.3	93.7	93.2 94.3	93.2 94.3	93.2	97.2 94.3	93.2 94.3	93.2	94.3
≥ 3500 ≥ 3000	39.3	9 4 • 9	94.7 95.2	75.4	95.2 95.6	45.2 43.6	95.3 95.7	45.3 95.7	95.3 95.7	95.3 95.7	95.3 95.7		95.7	95.3 9 <b>5.7</b>	95 • 3 95 • 7	95.2
≥ 2500 ≥ 2000	1.1	75.1 77.5	95.	95.2	9 - 2	96.3 3.2	96.4 93.3	96.4 96.3	96.4 98.3	5ۥ4 98•3	96.4 98.3	95.4 93.3	96.4 98.3	96.4 98.3	96.4	90.4
≥ 1800 ≥ 1500	71.4 11.4	્ડ•ા વર્•ા	95.4	0 9	99.0 99.1	99.0	99.1 99.2	99.1	99.1 49.2	99.1 99.3	99.1 99.7	99.1 99.3	99 <b>.1</b>	99.1 99.3	99.1 99.3	99.1 99.1
≥ 1200 ≥ 1000	71.4 -1.4	ਿਰ•4 ਵਵ•4	98.9	99.2	94.4 22.6	99.4 99.6	99.6 99.7	99.6 99.7	99.6 99.7	99.7 166.5	99.7 100.0	99.7 100.0	99.7 100.0	99.7 106.0	99.7	99.7
≥ 900 ≥ 800	-1.4 -1.4	96.4 (4.4	94.3	10.2 59.4	90.6 59.6	99.6 99.6	99.7 99.7	99.7	99.7	• - • • •	100.0 100.0	100.0 100.0	165.0 105.0	160.0 160.0		100.0 100.0
≥ 700 ≥ 600	91.4 31.4	98•4 98•4	92.9	99.2 79.2	99.6 99.6	99.6 99.6		99.7 99.7	99.7 99.7		100.0 160.0	103.0 185.5	160.0 160.0	100.0	100.0 100.0	100.0 100.0
≥ 500 ≥ 400	51.4 31.4	98.4	98.9	59.2 59.2	99.6	9.6	99.7 99.7	99.7	99.7 99.7	- 1	100.7	105.0 103.0	160.5 166.5	100.6 100.0	160.6 160.8	100.0 100.0
2 300 2 200	51.4	97.4	98.0	99.2	99.6 99.6	99.6	99.7 99.7	59.7 99.7	99.7	102.0	100.0 100.0	100.0 100.0	160.5 165.6	155.3 160.0	100.0 100.0	100.0 100.0
≥ 100 ≥ 0	91.4 91.4	÷ 5 • 44	98.0	99.2	99.6	99.6 99.6	99.7 99.7	99.7	99.7			100.0 105.0	[		100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS...

USAF ETAC FORM 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CERTIFIED & SEATCH CANTOLVESE NICEIMAC

# CEILING VERSUS VISIBILITY

FLONERY SPACE CENTER FL. C9-10,73-c.

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY IST	ATUTE MIL	.ES						}
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 -	≥ ?	≥1'2	≥1'≥	≥1	≥ 1,4	≥ %	≥ ;	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	61.3 75.3	64	55.1 31.7	კი•ს 3.•7	. 5 • C 3 • 7	36.3 °u.7	66.0 30.7	55.7 €€.7	56.0 83.7	56.0 85.7	66.0 80.7	60.0 80.7		(6., 33.7	36.7	66.7 84.7
≥ 18000 ≥ 16000	75.3 76.2	8 • 1 3 • 0	87 91.1	3' • 7 31 • 1	3 .7	1.1	3 . 7	°C•7	≎0.7 61.1	81.1	87.1 61.1	81.7 81.1	8:.7 61.1	86.7 81.1	8C.7 81.1	41.7 F1.1
≥ 14000 ≥ 12000	75.9	91.5 94.6	51.4 35.2	(1.9 95.2	å1.9 a5.2	31.9 _5.2	61.9 65.2	81.9 95.2	31.9 35.2	81.9 95.2	31.9 35.2	81.9 85.2	91.9 25.2	31.9 55.2	91.9 85.2	81.9
≥ 10000 ≥	13 • 1 15 • 3	93.5	8;. 91.	34.0 91.2	37.5	99.0 91.2	a7.° 91.2	89.5 91.2	8°.		89.1 91.2	99.2	99.5 91.2	39.1	89.1 91.2	85.C 91.2
≥ 8000 ≥ 7000	25.3 56.2	91.2 91.6		91.9 72.0	91.9 92.2	91.9 92.2	91.9	91.9 92.2	91.9 92.2		91.9 92.2	91.5 91.2		-1.1 -2.2	91.9 92.2	61.9 93.3
≥ 6000 ≥ 5000	66.5	°1.7 ≎2.1	92.3 92.5	91.3 91.3	92.5	92.8	+2.3   <b>92.8</b>	92.8		92.8	92.3	92.3 92.5	92.5	92.3 92.5	92.3 92.8	92.5
≥ 4500 ≥ 4000	.6. i	93.5	93.1	93•1 93•7	93.1	93.1		93.1 3.7	97.1 93.7	93.1	53.1 93.7	93.1		53.1 53.7		93.1
≥ 3500 ≥ 3000	.7.9	93.7	94.5	54.3 34.3	94.3	94.3		94.3	94.2	74.3	94.3	94.3		94.3 94.3	94.3	94.3
≥ 2500 ≥ 2000	£9.4	94.1 95.4		74.3 97.2	94.9	47.4	97.4	94.9	97.4	\$7.4	94.9	94.9	97.6	94.9		
≥ 1800 ≥ 1500	0 0 0 0 0 0	95.0	98.2	97.6	97.8	97.3 58.6		98.6	98.6	9.50	97.5	96.6	99.7	97.9 98.7	58.7	90.7
≥ 1200 ≥ 1000	37.7	98.	92.0	76.7 98.9	99.0	99.2	99.2	9.0 9.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.1
≥ 900 ≥ 800	39.9	98.1	99.1	99.1	99.4		93.4	59.4	99.4	99.8	99.8	99.7	99.9	99.8 99.9	99.9	
≥ 700 ≥ 600	89.3	98.2	99.1	99.2	99.6	99.6	99.6	99.6	99.5		99.9	99.5	165.0	100.0	icc.c	100.0
≥ 500 ≥ 400	89.3 39.3	98.2	95.1	99.2	99.6	99.6	99.6	99.6	99.€	99.9	99.0	99.9	16.0	100.0 100.0	100.0	10000
≥ 300 ≥ 200	69.5	98.2	99.1 99.1	99.2	99.6	≎9.6		99.6 99.5	99.6	99.9	99.9	99.9	100.0	150.6 1.0.6 100.0	100.0	152.2
≥ 100 ≥ 0	29.3	93.2	99.1	79.2	19.6	99.6		99.6	99.6	66.4	99.9	_	100.0			174.0

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC FULL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

TO AN LESS TRESCES OF PARISON 100 V 118726 + 35-811 1/150

# CEILING VERSUS VISIBILITY

1 TO METALEDY SPACE CENTER SEL 67-77,73-6 YEARS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)



CEILING							VIS	BILITY (ST.	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1 ′¬	≥1/4	≥1	<b>≥</b> ¼	≥ ′₀	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	49.3 55.7	74.	55.4 7÷.	56.7 75.7	7.2 76.1	51.2 70.1	57.3 76.2	57.3 76.2	57.3 76.2	57.0 76.0	57.6 76.6	57.6 76.5	57.4 76.6	57.0 76.0	57.5 76.6	27.6 75.6
≥ 18000 ≥ 16000	65.5 56.3	74.1 74.1	7° • 1 76 • 1	75.8 77.1	76.2 77.6	70 • 2 77 • 6	76 • 3 77 • 7	76 • 3 77 • 7	76.2	76 • 7 76 • 5	76 • 7 75 • 6	76.7	76.7	76.7 75.6	76.7 78.0	16.7 73.0
≥ 14000 ≥ 12000	53.9 12.3	77.6	79.4 93.5	79.6 53.9	४ .€ ८4.5	34.3	30.1 24.6	50.1	86.1 54.5	8 . • 4 3 4 • 9	80.4 84.9	83.4 84.9	34.9	3ۥ4 44•9	80.4 84.0	74.9
≥ 10000 ≥ 9000	74.9 76.0	84.4 86.4	35.7 87.7	36.9 33.9	37.3 09.3	27.3 99.3	37.6 39.6	87.6 97.6	37.6 89.6	87.9 89.9	87.9	97.9 59.9	87.9 89.9	۶ <b>7.</b> 9 د 89.	37.9 89.9	37.9 85.9
≥ 8000 ≥ 7000	76.4 76.7	· 1 • 3	89.6	95.3 95.2	90.3 90.8	92.3	90.6 91.0	90.5 91.0	, 1 • 5	90.9 91.3	91.3	91.3	9 .9 51.3	95.9 91.3	91.3	9 .4 91.7
≥ 6000 ≥ 5000	76.7 77.3	88. 89.	89.4 9 <sup>-</sup> .7	91.7 91.5	91.2 92.4	91.2 92.4	51.4 92.7	92.7	91.4 92.7	91.3 93.0	91.3	91.8 93.0	91.8 93.3	91.8 93.0	91.3 93.0	91.0
≥ 4500 ≥ 4000	77.6	85.4 85.9	9 • 9 91 • 9	92 <b>.1</b> 92 <b>.6</b>	92.7 93.1	92.7 93.1	92 <b>.</b> 9	92.9 93.3	97.9 93.3	93.2 93.7	93.2 93.7	93.2	93.2 93.7	93.2 93.7	93.2 93.7	93.7
≥ 3500 ≥ 3000	77.5 77.7	9.•0 90•2	91.4 91.7	72.7 72.9	93.7	93.2 93.4	93.6 93.8	93.6	93.6 93.9	93.9	93.9 94.1	93.9	93.9	93.4 94.1	93.9 94.1	93.9 94.1
≥ 2500 ≥ 2000	73.3	91.8 23.2	92.3 94.3	93.4 95.0	94 • D	94.5	94.3 97.0	94.3	94.3 97.0	94.7 97.3	94.7 97.3	94.7 97.3	94.7	94.7	94.7	94.7
≥ 1800 ≥ 1500	79.7 79.9	93.8 94.2	95.3	96.6 97.2	97.1 97.8	97.1 97.8	97.6 98.2	97.6 93.2	97.6 98.2	98.6	97.0 98.6	97.9 98.6	97.9 98.6	97.7 98.6	97.9 93.6	97.9 98.6
≥ 1200 ≥ 1000	79.9	94.4	96.3 95.5	37.7 97.9	92.2 98.4	98.2 98.4	93.8 99.5	98•8 95•0	98•8 99•0	99•1 99•4	99.1 99.4	99.1 99.4	99.1 99.4	79.1 99.4	99.1 99.4	99.4
≥ 900 ≥ 800		94.7 94.7	96.6 96.5		98.4 98.4	93.4 98.4	99.5	99.5	99.L	99.4 59.4	99.4 99.6	99.4 99.4	99.4	9 <b>9.</b> 4	99.4 99.4	99.4
≥ 700 ≥ 600	53.1 60.1	÷4.3	96.7 96.5	98 • 1	90.6 98.7	98.6 96.7	99.1 99.2	99.1	99.1 99.2	99.6 99.7	99.7	99.6 99.7	99.6 99.7	59.6 99.7	99.6	99.7
≥ 500 ≥ 400	80.1 80.1	95.1	95 • 5 96 • 9	98.1 98.2	95.7 93.8	59.7 98.8	99.2 99.3	99.3	99.3 99.4	59.8 59.9	99.8 99.9	99.8	99.8 99.9	99.3	99.8 9 <b>9.</b> 9	99.0
≥ 300 ≥ 200	. 1	95.1 95.1	97.	9:.3	93.9		99.4 59.4	99.6	99.6	100.0 100.0	1.0.0	100.3	180.8 150.6	100.5 135.6	100.0 155.0	186.5 186.8
≥ 100 ≥ 0	• 1	95.1 90.1	97.	98 <b>.3</b> 98 <b>.3</b>	9°.9	94.9 95.9	99.4	99.6 99.6	99.6 99.6	100.0		100.0 100.0	166.5 166.8	1 (C.) 1 (C.)	160.0 160.0	170.0 i(t.u

TOTAL NUMBER OF OBSERVATIONS\_\_

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

4E VETHATUENDA INALIGN WILTHO WESTERN SERVICEZMAG

### CEILING VERSUS VISIBILITY

ACTRIGORY OF ACTUACH FL 63-70,73-30 YEARS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_	Ģ	Ċ.	1	-	i	1	ij		
	*	α	#S	ι	3	1		_	•

CEILING							VIS	BILITY ST	ATUTE MILI	ES:					-	
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2,	≥ 2	≥17	≥1%	≥1	≥ ¼	≥ '⁄s	≥ 7	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	-7.4 1:.7	15.2	52.0 75.2	52.6 75.2	52.6 75.2	75.2	52 • ¤ 75 • 2	£2.5 75.2	32•t .75•?	52.0 75.2	12.6 75.2	52.6 75.2	52.6 75.2	52.0 75.2	92.6 75.2	52.6 75.2
≥ 18000 ≥ 16000	7	75.4 76.1	73.4 76.2	75.4 76.3	75 • 4 77 • 3	75.4 76.3	75.4 76.3	75.4 76.3	75 • 4 76 • 3	75.4 76.3	75.4 76.2	75.4 7e.3	75.4 76.3	75.4 76.3	75.4 76.3	75.4 75.1
≥ 14000 ≥ 12000	73.9 70.6	76.7 34.5	73.0 24.3	78.5 54.4	71.9 84.4	75.5 54.4	78.9	73.9 94.4	79.9 84.4	73.9 84.4	72.9 54.4	75.9 54.4	7:.9 34.4	75.9 94.4	78.9 84.4	73.9 54.4
≥ 10000 ≥ 9000	. 1 • 4 : 2 • -	57.a ≲8.7	87.9 89.9	33.0 98.9	81•0 80•9	36.5 36.9	86°C	68.0 28.9	80°. 33°5	88.7 89.9	89. 88.9	83.9	დწ•ე გგ•9	68. 88.9	ಧ8•೧ 83•9	7.89 8.66
≥ 8000 ≥ 7000	n2•4 _3•1	:9.3 87.9	90.4	30.0 92.1	89.6 92.1	89.6 95.1	99.6 90.1	89.6 90.1	89•€ 20•1	89.6 90.1	59.6 91.1	89.6 90.1	89.6 91.1	89.6 90.1	39.6 95.1	39.6 5.01
≥ 6000 ≥ 5000	∞3•∪ 3•1	99.9 9.1	91.	90•1 90•4	90.1 9.4	90.1 90.4	90.1 90.4	90.1 90.4	90.1 90.4	90.1 90.4	90.1 90.4	98.1 98.4	90•1 90•4	90.4	97.4	7. • 1 4. • 4
≥ 4500 ≥ 4000	:3•3 :3•0	91.2	91. 91.4	91.1 91.6	91.1 91.6	91.1 91.0	91.1 91.6	01.1 01.6	71.1 51.5	91.1 91.6	91.1 91.6	91.1 91.6	71.1 91.5	91.i 91.6	91.1 91.6	51.5
≥ 3500 ≥ 3000	:4.J	91.7	91.9 92.1	97.0	92.0 92.2	92.5 92.2	92.1 92.2	92.2	92. 92.2	32.2	92.0 92.0	92.0 92.2	92.0 92.2	92.2	92.0 92.2	0 2 • 5
≥ 2500 ≥ 2000	04.7 .7.6	92.6 95.3	92.0	92.9 96.7	90 <b>.9</b> 96 <b>.7</b>	92.9 95.7	92.9 96.7	92.9	92.9 96.7	9.1.9 96.7	92.°	92.9	93.0 96.8	93 96.9	93.0 96.0	96.6
≥ 1800 ≥ 1500	%3•3 58•4	97.4 98.3	64.7	98 • 2 93 • 7	98.2	⇒8•2 98•7	98.2 78.7	98.7	98.2 98.7	98.2 98.7	98.2 98.7	98.7	98.3 98.8	98.3 98.6	93.3	96.3
≥ 1200 ≥ 1000	58.7 58.7	93.8	99.	99.1 99.1	99.1	99.1	99.1 99.2	99.2	99•1 99•2	99.1 99.2	99.1 99.2	99.1 99.2	99.2 99.3	99.2 99.3	99.3	99.2
≥ 900 ≥ 800	3	29.1	99.2	99.3 79.4	99.4	99.4	99.6	99.4	99.4	99.4 99.6	99.4 99.6	99.4	99.6	99.5	99.6	99.7
≥ 700 ≥ 600	85.0	99.2	99.4	59.6 99.8		99.7 99.9	99.7	9.7	99.7	99.7	99.7	99.7	99.8 160.3	99.8 10.00		
≥ 500 ≥ 400	80 . J	99.3	99.0	99.8 99.8	99.9	99.9	99.9	99.9	99.0	99.9	99.9	99.9	148.3	100.0 100.0	100.0 100.0	100.5
≥ 300 ≥ 200	87.0	99.3	95.6 95.6	99.8	99.9	99.9	59.9	99.9	99.0	99.9	99.9	99.9	198.0	17.0.0 17.0.0	100.0 100.0	
2 100 2 0	39.	99.3	99.0	9 • 8 3 9 • 8	95.9	99.9	99.9 99.9	99.9	99.9 97.9	99.9	99.9 99.9	99.9 99.9		100.0 110.0	100.0 105.0	

USAF ETAC 10104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

STATION NAME Y 19 ACT CONTER FL 57-75-12

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)



CEILING			-				VIS	IBILITY (ST.	ATUTE MILI	ES-						
FEET	≥10	≥6	≥5	≥4	≥ 3	≥2 7	≥ 2	≥1 7	≥1'4	≥1	≥ 1,4	≥ %	≥ %	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	4:	47.1 76.7	47.1	47.1 16.7	47.1 75.7	47.1	47.1 70.7	47.1 76.7	47.1 76.7	47.1 76.7	47.1 76.7	47.1	47.1 76.7	47.1 76.7	47.1	41.1
≥ 18000 ≥ 16000	74.1	77.	77.	77.2	77.0	71	77.5	77.0	77.5	77.5	77.5 77.8	77.0	77.0 77.8	77.5	77.5	77.
≥ 14000 ≥ 12000	75.9	79.3	79.5	79.3	77.3	79.3	79.3	79.3	70.3	79.3	79.3 84.6	79.3	77.3	79.3	79.3	79.5
≥ 10000 ≥ 9000	3.4	99.1	89	35.2	35.1	38.1	58.1 69.2	°8 • 1	88 · 1	88.1 89.2	98.1 89.2	89.2	o9.1. 89.2	38.1 29.2	88.1	53.1 87.2
≥ 8000 ≥ 7000	.4.7	93	91.1	30.4 91.1	93.4	#2.4 #1.1	95.4 91.1	90.4	91.1	91.4	97.4	90.L	91.1	90.4	90.4 91.1	G ] 4
≥ 6000 ≥ 5000	4.9 د د 5	91.3	91.4	71.4 71.9	91.4	91.4	71.9	91.4 91.9	91.4 91.9	91.4 91.9	91.4 91.9		51.4 51.9	91.4	91.4 91.9	91.4 91.9
≥ 4500 ≥ 4000	-5.3 -5.4	92.7	92.3	72.8 92.8	92.3 97.3	92.3	92.3	92.3 92.8	52.3 92.8	92.3 92.3	92.3 92.1	92.3	92.3 93.8	92.3	92.3 91.3	72.3 92.8
≥ 3500 ≥ 3000	:5•a 36•1	93.4 93.4	93.	93.0 33.6	93.6	-3. -3.6	93.0 93.6	93.0 93.6	93.1 93.6	93•0 95•6	93.5 93.5	93.5 92.5	93.0 93.6	93.0 93.0	93.6	43.°
≥ 2500 ≥ 2000	.6.9 30.1	94.6	94.7 96.7	94.7 93.2	94.7	74.7 73.2	94.7	94.7 98.4	94.7 98.4	94.7 95.4	94.7 95.4	94.7	94.7 98.6	94.7 98.5	94.7	94.7 96.6
≥ 1800 ≥ 1500	84.1 39.1	4 G	98.7 98.9	97	99.7 99.9	ઝ8•7 વર•9	98.8 99.0	98.9 99.1	98.0 99.1	98.9 99.1	98.9 99.1	98.9	99.2	99 99.2	99.0	95.7 99.2
≥ 1200 ≥ 1000	e 1	9 <b>9 •</b> 9	99.1	99.1 99.2	99.1	99.6	99.2 99.7	99.3	99.3 99.2	99.3 99.8	90.3		99.4 99.9	99.4 99.9	39.4 99.9	69.4 99.9
≥ 900 ≥ 800	5 ÷ . 3	77.	99.3	99.2	99.6	99.6	99.7 99.7	99.8 99.8	99.8 99.5	99.8 99.8	99.8 99.8	99.8 99.3	99.9 99.9	99.9 9 <b>9.</b> 9	99.9 99.9	99.9
≥ 700 ≥ 600	69.	54. 59.	99.7	79.2	99.6 99.6		99.7 99.7	99.8	99.4 99.6	99.8 99.9	99.8 99.9	99.9	99.9 100.0	99.5 100.0	99.9 130.0	99.9 120.0
≥ 500 ≥ 400	89 80	99.	99.7	49.2 99.2	99.6 99.6	1	99.7 99.7	79.8 99.8	99.3 99.8	99.9	99.9		1 .7.6 100.0	100.U 100.U	160.0 189.9	100.0 100.0
≥ 300 ≥ 200	85 • 3 8 9 • 3	99.7	99.0	19.2 79.2	99.6 99.6	99.6	55.7 59.7	99.8 99.8	99.9	99.9 99.9	99.0		120.0	130. 163.0	100.0 100.0	175.0 196.0
≥ 100 ≥ 0	39.3 39.1	99.	99.	55.2	₹5.6 99.6		99.7 99.7	99.8	99.2 90.4	99.9	99.9		1 0.0 165.0		150.5 1.6.5	1 10 • 0 1 0 0 • 0

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC FORM 0-14-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STATION STATION NAME STATION NAME VERS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 7	≥ 2	≥1.5	≥1′₄	≥1	≥ ¼	≥ '•	≥ :	≥ 5 16	2.	≥0
NO CEILING ≥ 20000	40.4 69.5	41.03	42.3 72.3	47.3	42.4 72.8	42.4 72.8	42.7 73.0	42.7 73.5	42.7 73.5	42.7 73.	42.7 72.	42.7	42.7	73.	42.7	12.1
≥ 18000 ≥ 16000	70.0 70.1	72.9 73.0	72.4	72.3 73.0	73.2	73.0 73.1	73.2		73•2 73•2	73.3	13.7 13.2	73.2	73.2 73.3	73.2	73.3	73.7
≥ 14000 ≥ 12000	75 • 3	75.1 40.3	75.1 86.3	75 • 1 75 • 5	75.2 51.9	75.2 21.3	75.4 31.1	75.4	75.4 21.1	7= -4	75.4 61.1	75.4	75.4 31.1	75.4	75.4 61.1	75.4 51.1
≥ 10000 ≥ 9000	11.4	35 • ≥ 9 • ≥	8t. 7	36.9 95.0	87.0 95.1	97.3 93.1	37.2	27.2 20.3	37.2	67.2	27.2 97.2	9.0	57.2 5.3	57.2 95.3	87.2 53.7	37.2 91.3
≥ 8000 ≥ 7000	32.4 32.7	51.7 31.9	92.1	91.3 91.1	92.0 97.2	72.2		92.2	92.4	92.4	92.9	92.4	92.4	52.4	92.2	92.4
≥ 6000 ≥ 5000	62.1 63.6	41.9 53.	93.1	92.1 93.2	92.2 93.3	92.3 92.3	93.6	≎3.6	92.4 93.	93.4	92.4 93.0	62.4		72.4	92.4 53.6	71.4 71.5
≥ 4500 ≥ 4000	3.7.0	03.6	93.3	93.3	97.4	73.4 74.6	94.2	94.2	33.7 54.2	94.2	94.2	94.2	73.7 74.2	93.7	54.2	9: 7
≥ 3500 ≥ 3000	# # # #	93.9	95.1	94 • 3 95 • 2	94.4	34.4	94.7	75.7	94.7	94.7	94.7	95.7	94.7 95.7	95.7	95.7	94.7
≥ 2500 ≥ 2000	-5 • 3 - 3 • 1	96.1 95.1	96.4	36.7 98.9	96.9 39.2	99.2	39.4	97.1	97.1		97.1 99.7	97.1	57.1 95.7	97.1	97.1 90.7	97.1
≥ 1800 ≥ 1500	5.1	93.2	99.5	33.9	39.2	99.2	99.4		99.6	99.7	99.7	99.7	99.7	99.7 99.1	99.7 99.7	99.7 99.7
≥ 1200	6 • i	93.2	93.0	93.9	99.3	99.3	99.4 99.6	99.6	99.6		100.0	100.0	130.0	100.0 100.6	129.0	155.F
≥ 900 ≥ 800	86 • 1 86 • 1	98.2 98.2	93.5	98.9 98.9	99.3	99.3 99.3	99.6	99.7	99.7 99.7	1.0.0	100.0	100.0	150.0 150.0	100.0 100.0	100.7	150.5 150.5
≥ 700 ≥ 600	66 · 1	98.2	93.0	98.9	99 3 99 3	59.3	1 1	1	99.7	150.0	150.0	100.0	100.0	130.5	100.0	0.0
≥ 500 ≥ 400	6 • 1	98.2	93.9	98.9	99.3	99.3	99.6		99.7	100.0	160.0	100.0	100.0	100.0	100.0	134.5
≥ 300 ≥ 200	-6 • 1 -6 • 1	ଦ8 <b>.</b> 2	9.0 • -	75.9	99.3	99.3	99.6	09.7	99.7	1.0.0	130.0	173.6 172.6	100.0	1 0 0 0 1 0 0 0	100.0	100.0
≥ 100 ≥ 0	86 • 1 26 • 1	93.2 98.2	93.9	98.9	99.3 99.3					1:0.0	100.0 100.0		1.0.0		157.5	130.5

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

25 0514976E30\* -78 CH WINTER SERVICIANAL

# CEILING VERSUS VISIBILITY

ALTIVELY SPACE CENTER FL SP-7 ,73+51

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MILI	ES-						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.2	≥ 2	≥1 27	21%	≥1	≥ ½	5 ,4	≥ %	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	10 10 10 10 10 10 10 10 10 10 10 10 10 1	45.3 71.3	45. 71.	45.3 71.3	4:03	45.4 71.4	45.7 71.5	45.7 71.8	45.7 71.4	45.7 71.8	45.7 71.0	45.7 71.8	45.7 71.8	45.7	45.7 71.3	ид. ў 71.е
≥ 18000 ≥ 16000	55 • 3 29 • 1	71.4 72.1	71.0	7i.6	71.6 72.2	71.7	72.3 12.7	72.9 72.7	72.7 72.7	72.1 12.7	72.5 72.7	72.5	72.7 72.7	72.1 72.7	72.0 72.7	77
≥ 14000 ≥ 12000	? 4 ? 3 0	74.0 78.0	74.1	74 • 1 75 • 1	74 • 1 7 • • 1	74.2 73.2	74.5 78.6	74.6 78.6	74.6 75.6	74.5 78.6	74.6 78.6	74.6 78.6	74.6 75.6	74.5 73.5	74.c	74.c
≥ 10000 ≥ 9000	16.7 19.3	92.8 35.6	83.1 67.	:3•0 27•0	33.1 0.7ن	33.1 57.1	23.4 37.4	23.4 27.4	33.4 37.4	87.4		83.4 37.4	37.4 37.4	33.4 37.4	52.4 57.4	63.4 47.4
≥ 8000 ≥ 7000	10 • 4 <u>=</u> 5 • 3	೧৪∙6 ৪୨∙3	87.	89.J 89.8	89.0 87.8		89.4 95.2	99.4 90.2	59.4 9ۥ2	29.4 90.2	89.4 91.2	90.4 90.2	δ⊆•4 9∴•2	89.4 90.5	89.4 50.2	89.4 91.2
≥ 6000 ≥ 5000	-( • 3 -1 • 3	99.4 35.9	89.0 90.1	29.9 90.3	89.9 9.4	9	91.3 91.9	90.3 90.9	9 • 3 9 <b>•</b> •	91.5	9(°•3	97.9	9"•3 9"•9	90.3 90.4	90.3	3
≥ 4500 ≥ 4000	न्त्रु•ी ३2•ि	90.4 71.4	91.7	91.0 92.1	91.1 92.3	71.2 72.4	91.6 92.3	92.8	92.5	91.6 92.8	92.5	91.6 92.8	91.6 92.3	91.6 92.5	71.6 92.5	92.3
≥ 3500 ≥ 3000	₹3.0 44.1	92.0 53.3	92.1	93.0 94.3	93.2 94.6		93.7	93.7 95.0	93.7 95.0	93.7 35.0	93.7 95.0	93.7 95.3	93.7 95.1	93.7	93.7 95.1	75.7 - 35.
≥ 2500 ≥ 2000	14 • 3	94.1 95.4	96.4	95.2 96.9	95.7 97.4	97.6	94.7	96.2 95.0	96.2 99.1	76 • 3	98.1	96.3 93.1	96.3	96.3 98.1	96.3 98.1	96.7 78.1
≥ 1800 ≥ 1500	25.1 5.1	96. 96.8	97. 97.5	97.4 98.2		98.1 59.5	58.5 55.4	98.6 99.4	93.5 99.4		98.7 99.5	93.7 99.6	98.7 99.6	98.7 99.5	99.7 99.c	96.7
≥ 1200 ≥ 1000	55 • 1 35 • 1	90.8 90.8	97.8 97.9	98.3	98.9 99.3	39.4	99.4		99.4 99.9	99.6 170.0	99.6 100.7	99.6 100.0	99.6 1uC.E	99.0 170.0	99.6 133.0	57.c
≥ 900 ≥ 800	- 5 • 1 - 25 • 1	96.9	97.3 97.3	93.3 98.3	99.3	79.4 79.4	99.9 39.9	99.9	99.9 99.9	i C•1 150•5	100.5 160.0	100.0 100.0	160.0 150.0	100.1 105.0	170.6 190.0	105.5 160.5
≥ 700 ≥ 600	85.1 85.1	96.9	97.9 97.9		99.3	39.4 79.4	99.9 95.9		99.4	100.0	100.5	100.0 160.5	130.0 157.9	1 10.0 1:0.0	109.5 100.5	160.0 180 <u>.0</u>
≥ 500 ≥ 400	75.1 48.1	96.9	97.9 97.9	98 . 3 98 . 3	99.3 99.3	99.4 99.4	99.9 90.9	99.9	99.9 99.0		160.0 100.0	190.0 190.6	100.0 100.0	100.9 100.9	100.0 100.0	170 170.5
≥ 300 ≥ 200	25.1 25.1	96.9	97.9 97.9	92.3	99.3		99.9	c <b>9.</b> 9	99.9		105.0 166.0	186.0 186.0	100.0 100.0	180.6 180.5	100.0 100.0	165.0 196.0
≥ 100 ≥ 0	5.1 5.1	96.9	97.9 97.3	99.3 98.3	99.3	9.4 9.4	39.0	9.9 9.9	99.9		100.0 {uC.}	188•3 729•u	100.0 100.0	100.0 100.0	100.0 100.0	166.5

USAF ETAC TUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LEU AL CLIMATELNUK KRANCE L METAJ 0.7#Te. 3FFV1C.7M4C

### CEILING VERSUS VISIBILITY

SATION SATION HAD CONTERN FL 69-70,73-5

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY :ST	ATUTE MIL	ES						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 ,	≥ 2	≥ ( '')	≥1.4	≥1	≥ 1/2	≥ `%	≥ :	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	12.0	13.1	53.7	5 4 74 . 6	53.4 74.0	53.4		53.4 74.0	5 · 4	53.4 74.5	5"•4 74•:	5:.4	53.4 74.5	53.4 74.8	5.7.4	i
≥ 18000 ≥ 16000	12.5	74.9	77.1	15.2	7 - 2	75.2	75.2	75.2	77.5	75.2	75.2	75.2	75.2	75.2	75.2	75.1
≥ 14000	74	752	70.4	75.3 75.6	76.6	75.3		75.3 76.6	75 • 3 76 • 6	75.2 76.5	75.7 76.5	75 • 2 75 • 6	75.3	75.3	75.3 15.6	75.3 76.9
≥ 12000 ≥ 10000	77.4	7C.(	<u>3 •3</u>	:5.3	5 4 3 5 3	. 4	35.4	15.3	4 <u>. د</u> د	35.3	ξŗ.α 35.π	85.4 25.3	25.3	80.4 85.3	30•4 95•₹	2.4
≥ 9000 ≥ 8000	.4.6	~ 7 • €	87.4	7.6	£7.6 c - 1	57.5	-7.6 39.1	£7.6		57.6 85.1	37.8 89.1	87.C	5 - 6		∄7•ċ	
≥ 7000	4 . 7	29.4	84.7	89.8	b / • 8	39.€	49.8	89.8	89.0	ء وع	55.5	99.8	د ? • 3	39.3	69.1 59.5	89.3 89.8
≥ 6000 ≥ 5000	35.4	89.3	37.5	89.9 96.3	29.°	: 1.9 75.3	90.9 90.3	ອ9.9 ວ∟• <u>3</u>	89.9 _90.3	و و ي د ين ۽	€9.0 ₹(•?	89.0 99.3	39.9 95.3	89.9 90.3	75 P. 35 O	99.9
≥ 4500 ≥ 4000	35.8 36.6	96	91. 92.1	71.1 92.2	91.1 92.2	92.2	91.1 92.2	91.1 92.2	71.1 72.	51.1 62.2	91.1 92.3	91.1 92.2	51.1 52.2	91.1 92.0	91.1 92.2	61.1 05.7
≥ 3500 ≥ 3000	-7.5	93	93.4	73.5 94.8	94.9	93.6	93.6	94.3	93.6	93.6 94.5	93.5	97.5	93.5 94.8	93.€	93.5 94.3	
≥ 2500 ≥ 2000	19.4	35.3	95.5	95.9	96.	96.0	96.1	96.1	96.1	< t • 1	66.l	96.1	96 • I	56.1	56.1	93.1
≥ 1800	-9.7	96.8 97.5	99.1	97.4 95.2	97.8	78.5	1	98.0 98.8	98.E	98.5	90.3 58.3	96.8	98.1	98.9	98.9	- 9
≥ 1500	.3.0 .3.0	98.2	93.9	99.9	99.2	99.3		99.6	99.4 99.6	99.6	99.4	99.4	99.6 79.7	99.6	99.6 99.7	59.5
≥ 1000	38.9	98.4	90	99.1	99.7	99.7 99.7	99.9	99.9	99.9	99.9	99.5	99.9	150.0 151.6		160.0	100.0 150.0
≥ 800	3.9	93.4	99	99.1	99.7	99.7	79.9 99.9	99.9	99.9	99.9	-		<u>166.2</u>	150.	100.0	1:5.0
≥ 700 ≥ 600	=3.9	98.4	ç ç	39.1	79.7	99.7	39.9	99.9	99.9	99.5	99.9	99.9	100.0	100.0	100.0	150.0 150.0
≥ 500 ≥ 400	- 9 - 9 - 28 - 9	98.4 98.4	99.	99.1 99.1	99.7	99.7	99.9 99.9	99.9	99.9 99.9	99.9	99.9 99.9	99.7 99.9	166.6 166.6	100.6 100.6	100.0 100.0	150.0 150.0
≥ 300 ≥ 200	8.5	98.4 98.4	99.7	99.1	99.7	99.7	99.9	99.9	99.9	99.9	96.0	99.9	•	160.5 160.5	100.0 100.0	106.0 150.7
≥ 100 ≥ 0	9.9	08.4	99.	79.1 95.1	40.7		99.9	99.9	99.0	99.5	99.0	99.9	1.0.0	100.0	tac.c	100.0

TOTAL NUMBER OF OBSERVATIONS....

USAF ETAC "101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

I STW - SERVICIANAC

### CEILING VERSUS VISIBILITY

WENNERY PACE CONTER FL 60-77,73-0

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST.	ATUTE MIL	ES .				-		
FEE*	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 :	≥ 2	≥1-2	≥1.	≥1	≥ 4	≥ %	≥ ;	≥ 5 16	2.	≥0
NO CEILING ≥ 20000	71.	75.3	5:. 75.5	13. 75.7	92.° 75.7	7.3.3	57.1 75.8	75.3	.3.1 75.	7:01	57.1 77.5	50.1 75.5	5 7 • 1 75 • 9	3.1	53.1	7
≥ 18000 ≥ 16000	71.7	76	75.4 75.4	75.9 76.5	75. 75.6	76.0 70.6	76 • 1 76 • 7	76.1 76.7	76 • 1 16 • 7	76.2	76. 76.7	75.2 76.7	75 • 2 76 • 7	16.Z 76.7	76.2 74.7	76.2
≥ 14000 ≥ 12000	/1.	77.8	74.1 82.5	7: • 3 2 • 7	7 } • 3 3 ↑ • §	73.3	7° • 4	78 • 4 52 • 9	710 · 4	?	10.5	7:.4	7 . 4	78.4 12.9	74.4	7 - 0 4
≥ 10000 ≥ 9000	50.7	ଟିଅ <b>୍ୟ</b>	88.0	36.9 30.1	87.5 87.1	27•0 99•2	ა7•1 გე•2	°7•1	57.1 59.3	87.2 99.3	37.7 ar.7	97.2 86.3	47.2 37.2	47.	37.2	17.2 39.2
≥ 8000 ≥ 7000		39.7 91.2	90.7	98.4 98.3	9.0.4 90.9		90.6 91.1	°. •6 ₹1•1	* 1 • 1	91.8	91.4 71.1	91.1	9 .6 91.1	90.5 91.1	70.5 71.1	4
. ≥ 6000 ≥ 5000	.3.7	91.4 6.49	90.°	91.0 91.6	91.1 91.7	91.1 91.8	91.3 91.9	د 91 م 91 م	91.5 91.9	91.3 91.9	>1.° >1.°	91.3 91.9	91.3 91.9	91.3 91.9	-1.3 01.0	1.1 91.5
≥ 4500 ≥ 4000	:4.4	97.1	91.9 93.0	92•2 93•9	92.3 93.0	92.3 3.0	92•4 92•1	72.4 73.1	92.4 93.1	92.4 3.2	92.4 93.2	93.4	92.4 93.2	92.4 93.2	72.4 73.2	62.1 33.0
≥ 3500 ≥ 3000	4.9	92.7	93.4 43.4	94.1	93.6 94.2	ે 3 • 6 >4 • 3	93.3 94.4	93.8 94.4	93.5	93.8 94.4	93. 54.4	93.3 94.4	93.8 94.4	73.0 54.4	93.3 94.4	२३.०° ८५.म
≥ 2500 ≥ 2000	,ť3 :7•3	94.2 96.3	94.7 97.1	35.0 47.4	95.2 97.7	95.2	95.3 97.9	95.3 97.9	95.7 97.9	°5•4 9ċ•⁻	95.4 99.1	95.4 98.1	55.4 98.1	95.4 98.1	95.4) 99.41	93.4 93.1
≥ 1800 ≥ 1500	.7•1	77.1 97.5		99.0 93.5	93.3 93.8	98.8	98.5 99.0	98.6 99.1	92.6 59.	98.6 95.1	58•€ 5 <b>5•</b> 1	93.5 99.1	9% • 7 99 • 2	98.7 99.2	98.7 99.2	79.7
≥ 1200 ≥ 1000	7.4	97.7 97.8		99.7	99.3	99.1	99.3	99.3 99.5	99.3 9 <b>9.</b> 5	99.4 99.7	99.4 99.7	99.4	99.4 99.8	99.4 99.8	99.4 99	99.4
≥ 900 ≥ 800	7.4	97.3	98.0 98.0	98.9	99.3 90.4	29.3 19.4	99.6	99.6	99.6 99.6	99.8 99.8	99.2 99.3	99.8	99.8 99.9	99.8	99.9 99.9	29.9
≥ 700 ≥ 600	57.5	97.9		98.9	90.4 90.4	79.5	99.6 99.7	99.7 99.7	59.7 99.7	95.8 95.9	99.0	93.8		9 <b>9.</b> 9 100.0	99.9 160.0	29.9
≥ 500 ≥ 400	7.5	97.9	92.7	75.	99.5	77.5	99.7 99.7	99.7 99.7	99.7 99.7	09.9		99.9	110.5	166.0	100.0 100.0	1 1 C
≥ 300 ≥ 200	7.3	90.1	95.7 98.7	99.0	99.5	99.5	99.7 99.7	39.7 99.7	49.7	99.9	99.9 99.0	99.9	1	1 C.U	110.0 1.2.0	172.
≥ 100 ≥ 0	-7.3	94.J	98.7	79.0	99.5 99.5	, • -	99.7	79.7	99.7 99.7	99.9	99.9 99.0	99.9		188. 180.	100.0 100.0	1

TOTAL NUMBER OF OBSERVATIONS 7252

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TO AL CETAMFILTON TO A CHICATT TAC TETAMFAC TETAMFACTOR STREET AND ACCUMENTS

### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							V15	IBILITY STA	ATUTE MIL	ES						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1 ;	≥1 4	≥1	≥ :.	≥ >#	≥ .	≥ 5 16	≥ .	≥c
NO (EIUNG ≥ 20000	1.	73.3	6 • 7 73•	€1.•7 72•3	73.3	5 T	5° • ° 73 • 4	61.9 73.5	77.	e 1 • 1 73 • 7	01.1 73.7	61.1 77.7	el.1 73.7	73.7	73.7	,
≥ 18000 ≥ 16000	73.	73.4	73.4	75.7	77.4	73.5 73.3	72.5 73.8	71.6	73.5	73•÷	73.5 74.2	75.8 74.2	73.8 74.2	73.8 74.2	73.4 74.2	73.9 74.1
≥ 14000 ≥ 12000	72.7 75.9	74.3 76.0	75.5	74.3	74.3 76.9		74.4 77.6	74.5	74 • ° 77 • 1	74.7	74.7	74.7	74.7	74.7 77.3	74.7	74.7
≥ 10000 ≥ 9000	77.5	79.5 72.6	3. 64	75.5	7 5 3 2 . 6	74.7 32.7	79.7 52.7	79.9 82.8	77.7 32.1	8 . • i	80.1 33.4	8 °•.1 83•ι	38.5 33.5	30.6 33.	۲7•5 <mark>عنور</mark>	ي. ۱ عد اً•قع
≥ 8000 ≥ 7000	2.3	24.5	34.0 84.	24.5	34.0	14.7 85.0	54.7 *5.0	84.3 95.1	39 • *	35.4	30.4	35.4	25.4 25.4	35.4	35.4	85.4
≥ 6000 ≥ 5000	3.3 .5.6	28.9 28.4	35.4 34.4	₽9	ან. ≎ მ., 4	36.5	56.0 83.5	38.6	55 • 1 ; 5 • 6	86.3 88.3	83.8	80.3 85.5	86.3 85.8	26.3 38.5	38.7	5005 5005
≥ 4500 ≥ 4000	1.5	94.0	92.6	39.3 92.6	89.8 93.6	92.7	39.9 92.7	92.8	96.€ 97.€	98.2	\$0.0 93.5	93.2	90.2 93.0	90.2 93.0	95.2	33.0
≥ 3500 ≥ 3000	90.7 73.0 73.0	95.6	94.1 95.5	35.6	95.8	94.4	95.0	96.0	94 . 4 95	94.7 96.2	94.7	9t.7	94.7	94.7	94.7.	96.5
≥ 2500 ≥ 2000 ≥ 1800	93.5 23.5	90.3	99.7	97.0	97.2	97.3 98.6 93.9	97.3 98.9	97.4	57.4 98.9	97.6 99.1	97.5 99.1	97.6 99.1	97.6 99.1	99.1 99.1	97.6 99.1	79.1
2 1500	13 • 3 13 • 3	-3• <del>4</del> -33•7	93.	96.6	95.8 99.1	79.2 79.4	99.5	99.4	99.4 99.6	99.5		99.2	99.2 99.6	99.3 99.3	99.3 99.6 99.8	49.0 49.6
≥ 1000 ≥ 900	/4 .	38.9	92.0	99.1	99.4	79.5 79.5	97.6	99.7	99.7	59.5	99.9	99.9	99.5 99.9	99.3	39.5 99.9	74.5
≥ 800 ≥ 700	4	73.9	96.0		99.4 90.4	79.5	99.6	99.7	99.7	9 <b>9.</b> 9	99.4	99.9	99.9		99.9 99.9	99.9
≥ 600	24 7	9 E . 9	99.0	39.1	99.4	99.5		99.7	99.7	99.9	99.9	99.9	-	6 <b>9.</b> 9	39.4 99.6	
≥ 400 ≥ 300	54.1	93.9	99.0 99.	99.1	99.5		99.6	99.7	99.7	99.9 150.0	99.7	99.9	99.9 152.0	79.7	99.9	
≥ 200	C4 1	99.0	99.0	99.2	99.5	49.6	' '	99.8	99.8		100.0	irg.J	160.0	1(0.1		1
2 0	>++1	99.	99.	39.2	99.5			79.3				100.0				1::

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 100 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TO THE RESTRICT OF STATE OF THE

# CEILING VERSUS VISIBILITY

STATION STATION NAME STATION NAME VERY

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

			· · · - · · · ·										-	<del></del>		
CEILING							VIS	IBILITY ST.	ATUTE MIL	ES -						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 2	≥ 2	≥15	≥174	≥1	≥ ¼	≥ '•	2 າ	≥5 16	≥ .	≥c
NO CEILING ≥ 20000	7 • 1	72.9	77.7	67.U	5 ! • 1 ? ' • 7	r3•1 72•7	73.3		3?•? 7?•	63.4 74.0	63.4 74.1	€3.4 74.€	€3.5 74.1	63.74.1	£3.1 74.1	63.5 74.7
≥ 18000 ≥ 16000	i 5	73.2	73.5 73.8	75.7	74.1 74.2	74.2	74. 74.3	74.2 74.4	74.º	74.7	74.5	74.2 74.5	74.4	74.4	74.4 74.6	74.6 74.1
≥ 14000 ≥ 12000	71.3	74.3 70.5	74 . i.	74.9	75.1	75 · 1 77 · 2	75.7	75.3		75.4 77.6	75.4 77.6	75.4	77.5	75.°	75.5	75.7 76.5
≥ 10000 ≥ 9000	75.9 77.0	79.2	79.0	77.9	5 .€	3 to # 2	15.2 62.2	10.3	12.7	81.4	37.4	8 . 4	აე.5 ცე.ე		87.5 82.5	á(.è
≥ 8000 ≥ 7000	77.2	73.3	83.7	34.5	64.1 54.9	24 - 1	54.7	4.4	34.4 65.1	84.5 24.4	54.5 35.4	54.5 85.4	±4.6	-4.6 -5.7	34.6	) 4 • 6
≥ 6000 ≥ 5000	1. • 3	55.2	35.9	35.8 38.7	٠ و و	5.9	36.1	₽6•2 9ۥ1	46.J	86.3 89.4	86.3	86.3 89.2	とラ・4	86.5	25.5 50.4	°c•7 09•€
≥ 4500 ≥ 4000	4.7	39.4 91.7	87.7	9 .L 92.4	91 <b>.1</b>	· . • 1	90.3	00.4 92.5	95.4	95	40.5 92.9	92.5	90.6 97.0	98.9 93.0	93.0	93.6
≥ 3500 ≥ 3000	3.7	94.3	43.7 94.0	95.3	94.1	94 • 1 95 • 7	54.3	74.4	94.4		94.5	94.5	94.6	94.5	94.6	94.7 96.5
≥ 2500 ≥ 2000	89.3	95.3 96.6	95.	96.2	95.7 98.0	7	96.9	97.0	97.	97.1 93.4	97.1	97.1 98.4	97.2 98.5	97.2	97.2	97.4 95.7
≥ 1800 ≥ 1500	3 - 7	90.5	97.3	97.7	94.2	99.2 98.5	98.4	°8•5	78.5 98.5	9c.c	98.6	98.5	99.7	78.7 99.	98.7 99.0	98.9
≥ 1200 ≥ 1000		97.4		93.4	53.3 9:.8	92.8 98.8	99.0	99.1	99.1	99.2	99.2 99.2	99.2	99.4	59.4 59.4	59.4	49.6
≥ 900 ≥ 800		97.4	90.	98.4	98	99.8	99.0	99.1	99.1 99.1	99.2	99.2	99.2	99.4 99.4	49.4	99.4 99.4	59.5
≥ 700 ≥ 600	, ,	:7.4 97.4		98.4	95.8	° 5 • 8	99.	99.1	99.1	99.2	99.2 99.2	99.2	99.4	C9.4	99.4 99.4	99.6
≥ 500 ≥ 400	90 <b>.1</b>	97.5		98.5 12.7	98.9 99.1	99.1	99.1	99.2	99.2	99.6	99.4	99.4	99.5	99.5	99.5 99.7	99.7
≥ 300 ≥ 200	7.0.2	97.7 77.7	94.3	98.7	99.1 99.1	99.1 99.1	99.4	99.6	69.6 59.6	99.7 99.7	99.7	99.7	99.8	99.6	39.8	170.0
> +00 ≥ 0		7.7	93.3	98.7	99.1	99.1	99.4	79.6	90.6	99.7	99.7	99.7	,0.8	99.8	99.8	1 '2.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

COLAR SELECTORESCY : A CHI COMPLETE A COLATHOR SERVICE/MAG

# CEILING VERSUS VISIBILITY

STATION STATION NAME

<u>69-70,73-6.</u>

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

. 6, . C = 2 , C ;

CEILING							VIS	IBILITY ST	ATUTE MIL	ES			,		<u>.</u>	
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1, 2	≥1.4	≥1	≥ %	≥ '₃	≥ ;	≥ 5 16	≥ 4	≥0
NO CEILING ≥ 20000	45.6 .3.6	66.	ن 3.3 <b>.</b> . 6 ق • .:	32 • 4 57 • .	52.5 67.1	ز . ن 7 <b>.</b> 1	53.7	53.1 67.7	57.1 67.7	53.3 58.0	53.5 69.€	53.3 65.0	53.5 52.4	53.7 65.4	53.3 68.4	53.9 65.1
≥ 18000 ≥ 16000	દદ•ઉ ુવ•ુ	€5.3 36.5	67.1 67.2	67.3 67.4	67.4 67.5	57.4 57.5	68.0 63.3	68.1 48.4	c · 1	6 • 3 6 · • t	6 7 • 7 ∞ 8 • 0	63.3 64.6	69.5	68.7 59.3	65.7 59.	50.2 69.1
≥ 14000 ≥ 12000	. 1 • . . 3 • 3	71.2		69.5 73.2	69.6 72.3	59.5 72.3	7 . 3	7:. • 4 73 • 1	75.4 73.1	7. •5 73 • 3		7: . 6	71.1 77.8	71 • 1 73 • 3	71.1 73.6	71.2 73.0
≥ 10000 ≥ 9000	04.	73.7 75.9	7÷.7	74 • u 76 • 9	74.7	74 • 7 27 • 5	75.5 77.7	75.6 7 <b>7.</b> 8	75 • c	75.3 70.1	75 . £ 75 . 1	75.5 71.1	76.2 73.5	76.2 76.5	76.1 78.5	70.5
≥ 8000 ≥ 7000	აგ.ჭ ამ.შ	77.5	79.0	73.5	73.6 6 .2	00.2	79.4 11.0	79.5	77.5	76.7 21.3	7° • ?	79.7 31.3	o •1 c1•7	81.7	€7.1 €1.7	80.2 F1.3
≥ 6000 ≥ 5000	71.4	4 • 3	81.7 85.1	82.L	35.4	35.4	52.9 66.1	03.C	52.€6 85.£	63.7 96.5	63.1 36.5	93.3 86.8	43.7	-3.7 -26.9	53.7	\$ J • 5 °
≥ 4500 ≥ 4000	75.4	36.2 28.2	87. 38.9	99.1	2 و و ق	27.3 89.2	57.0	98.2 95.1	95.2 97.1	7 L + 3	35.4	95.4 67.3	30.8	98.4 90.5	30.5	3 • \$ 3 • Q
≥ 3500 ≥ 3000 ≥ 2500	79.5 79.4	91.4		91.4 92.5	91.5 92.7 97.1	72.7	92.3	92.4	97.4	2 € 2 3 € 8 9 4 ⊕ 2	42.0 93.5	92.6 93.3	94.2	93.5 94.2	53.5.	94.7
≥ 2000 ≥ 1800	2	73.7		75 · Z	9 . 4	75.4	96.7	96.2	96 · 3	76.5	94.7 96.7	94.2 96.5 96.7	94.6 96.9	94 95.1	94.6 96.0	7.2
≥ 1500		#3.7 94.1	94.7	95.3		l i	56.2 ic.7	96.3	95.5	76.7 97.3	96.7	96.7 97.3	57.1 57.7	97.1	57.1	97.2 57.8
≥ 1000	30.4	94.2	95.3	96	95.2	70.2	97.0	97.1	97.1 97.1	97.4		97.4	97.3 97.8	97.0	97.9	9.0.
≥ 800	3 C • 4	94.3	95.4	76 • 1	96.5		97.2 97.2	97.3		57.7	97.7 97.7	97.7		98.2	98.7 93.2	93.3
≥ 600	80.3	94.5	1 1	96.5 96.6	96.7	70.7	97.4	97.5	97.5	98.0	98.	98.0	93.4	98.4	98.4 98.7	ه چ ه د ت و چ ه
≥ 400	00.6	94.7		76.8 76.9		97.1	98.°	98.3	98.3		98.7 99.1	99.1	99.1	99.1	99.1	69.2 99.7
≥ 200	a `•a ≀∴•3	94.7		96.9	97.2		98.2	98.6	99.6 95.6	99.1	99.2	99.2	99.8	99.8	99.9	
≥ 0	• 9	94.7	96.	96.9	37.2	r 1 • 2	99.2	9 و ع	98.6	99.1	99.2	99.2	99.8	59.8	99.9	

USAF ETAC 101 64 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALANE DY LEACH CONTENT FL (1-71,73-1)

CEILING							VIS	IBILITY ST	ATUTE MILI	ES.						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.7	≥1.	≥1	≥ ⅓	≥ 5⁄4	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	52.9	" ¿ . ś	5	5 / • 0 5 € • 0			38.e 06.6	1.2.0 €5.6	5.0	5.3 • v 3.5 • 7	±1. ε6.7	₹2.€ 56.7	52.5 65.7	.2 · .	.1. .6.7	*
≥ 18000 ≥ 16000	4.2.4	55.6 67.5	56 · c	£5.6	66.6	37.5	56.6 67.5	66.6 67.5	35.1 67.	56.7 67.5	67.1	65.7	ნს.7 67.€	67.5	67.5	46.7 47.5
≥ 14000 ≥ 12000	65.3	64.6	5° • 0	67.A	53.6	£9.6 73.5	59.6 73.0	69.6	73.	69.6 72.1		6,.2 73.1		69.0 73.1	69.0	11.5
≥ 10000 ≥ 9000	77.7	75.6	75	75.6		7 : • 6	75.6	75.6 77.1	75.6. 77.1	75 • 7 77 • 2	75.7	75.7	75.7	75.7	75.7	
≥ 8000 ≥ 7000	74.4	70.7	73.7 81.3	77.7	74.7		79.7	79.7	79.7	74.5	79.3	79.3	74.8	79.5	77.8	
≥ 6000 ≥ 5000	77.5	83.4 86.3	61.4 66.3	83.4 36.3	37.4 86.3	43.4	53.5 55.4	83.5 86.4	83.5	33.6	83.6	63.6 96.5	e2.6	:3	33.6 35.5	
≥ 4500 ≥ 4000	1.1	67.9 91.7	87.9	38 • 1 90 • 9	5 ( • 1 9 · • 9	50.1	30.0	88.2 91.0	\$8.2 91.0	88.7 91.2		8c.3	5:.3 91.2	3.85	21.7	1.2
≥ 3500 ≥ 3000	34.4 45.4	91.5	91.9	92.1 93.1	33.0	72.3	92.1	93.2	92.1	92.4	92.4	92.4	52.4	C2.4	92.4	
≥ 2500 ≥ 2000	÷5.7	53.5	93.6	33.3	93.5	93.3	93.9	93.9	93.9	54.1	94.1	94.1	94.1	94.1	94.1	
≥ 1800 ≥ 1500	7.5	96.9	96.7	96.9	96.9	95.9	97.0	97.0	97.1	97.3	97.3	97.3 97.8	97.3	97.3	97.3	97.
≥ 1200 ≥ 1000	57.9	97.2	97.5	97.8 98.1	97.8		98.0 98.2	98.0	98.7 93.2	98.3	98.3	96 3 98 5	92.3	98.3	प्ते • 3	23.0
≥ 900 ≥ 800	7.9	97.4 97.3	97.7	98.1 93.5		° 5 • 1	78.2	98.2	98.2 98.5		98.5	98.5 98.9	98.5	98.5 98.9	38.5	9 a
≥ 700 ≥ 600	38.3	98.0	99.4	93.7	98.8	98.7	98.9	98.9	98.9	99.1	99.1	99.2	99.1	99.1	59.7 99.4	20.
≥ 500 ≥ 400	29.3	38.1 98.2	90.5	98.8 98.9	99.0	₹9.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	90.8 1.3.0	99.
≥ 300 ≥ 200	~3.3	S = 2		90.9	99.1	99.1		79.6		99.9		97.9	99.9	99.9	1.0.0	1 3 2 • 1

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 921

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DIATHOR SERVICE/MAC

# CEILING VERSUS VISIBILITY

A NAZON SPACE CENTER FL.

69-70,73-8

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERING							VIS	BILITY ST	ATUTE MIL	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1 ′2	≥1′4	≥1	≥ 3,4	≥ '∗	≥ :	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	4 3	43.1 65.5	4 . 6( • <sup>r</sup>	44.1 55.9	4 · 1	43.1 60.3	7 • 1 56 • E	40.1 60.5	9:•1 66•5	4 : • 2 6 • 6	4##3 66.6	4 5 . 2 63 . 6	41.2 56.6	41 • 1. 66 • 1	44.0 66.6	4.3.4 4.7.
. ≥ 18000 ≥ 16000	(4. (4.)	67.3	65.0	55.5 57.3	60.5 61.3	56.5	66.5 £7.3	66.5 67.3	66.5 67.3	65.4	66.E	66.E	65.6	66.5	25.6 67.4	67.c
≥ 14000 ≥ 12000	66.	55.6 71.6	71.	2 • 6 7 l • s			63.6 71.6	66.5 71.6	58 • 6 71 • 6	68.7 71.7	68.7 71.7	6/ • 7 71 • 7		( 6 • 7 71 • 7	c3.7	69.1 72.2
≥ 10000 ≥ 9000	73.9	74.9	74.	74.9	74.9 77.0	74.5	74.9	74.9 77.0	74.9	75.1	7° • 1	75 • ± 77 • 1	75.1 77.1	75 • 1 7 <b>7 •</b> 1	75.1 7 <b>7.</b> 1	75.5 77.5
≥ 8000 ≥ 7000	76. 17.7	79.8 31.2		79.5 :1.2	7°.8	77.3 :1.2	79.8 31.2	79.8		79.9 91.3	79.9 31.3	79.9	79.9	79.9	79.9 31.3	3 3 7
≥ 6000 ≥ 5000	79.0	°3.3	83.1 35.1	25.3 25.2	67.4 65.4	.3.4	33.4	83.4 85.4		93.5 35.5	23.5 35.5	93.5 85.5	07.5 85.5	33.5 -5.5	33.5 25.5	54. 50.1
≥ 4500 ≥ 4000	23. -4.5	:3.1	8 - 1	30.2	83.4 34	65.4 97.4	28.4 9€.4	28.4 40.4		88.5 95.5	89.5 95.5	88.5 90.5	გც.5 <b>9Ր.</b> 5	:8•5 6ۥ3	88.5 4€.5	3.9 3.6
≥ 3500 ≥ 3000	-5.7 -6.7	92.9	91.3 93.	91.5 93.2		91.7 93.4	91.7 93.4	91.7 93.4	91.7 93.4	91.8 93.5	91.1 93.5	91.5	91.9 93.7	91•à 93•7	91.0	92.3
≥ 2500 ≥ 2000	57.6 39.1	94.2	94.3	94.6 96.9	94.8 97.1	94.d	94.9	94.8	94.5 97.2	94.9 97.3		94.5	95.1 97.4	?5.1 ?7.4	95.1 97.4	97.6
≥ 1800 ≥ 1500	:9.9 39.6	97.2 97.2	97.5 97.5	92.0 98.0	98.2 98.2	78.2 98.2	98.2 98.2	98.3 98.3	98.3 98.3	93.5 98.5	98.5 98.5	9 g	98.6 98.6	98.6 98.6	99.6 98.6	99.1
≥ 1200 ≥ 1000	89.5 89.5	97.3 97.3		93.2 93.2	99.4		98 • 4 98 • 4	98•5		98.7	98.7 98.7	98.7 98.7	98.8 98.8	8 • 8 <del>•</del> 8 • 8	98.8 98.8	99.2
≥ 900 ≥ 800	80.9	97.5	97.7 98.1	98.2 98.4	90.4 93.7	-		98.5 98.8		98.7 99.0	98•7 99•°	98.7 99.0	98.8 99.1	98.3 99.1	98.8 99.1	99.2 99.5
≥ 700 ≥ 600	89.9	97.5 97.6		G 8	9 4 9 4 9 4	99.8 99.0	98.8 99.0	98.9 99.1	99.1	99.4	99.4	99.1 99.4	99.2 99.5	99.2 99.5	99.2 99.5	99.9
≥ 500 ≥ 400	84°3	97.b	98.1	98.5	99.0	99.0	99.1 99.1	99.2	99.2	99.5	99.5	99.5		99.6	99.6 79.5	100.0 100.0
≥ 300 ≥ 200	59.9 89.9		90.1	99.5 99.5	99.0		99.1 99.1	99.2	99.2	99.5	99.5		99.6	99.6	99.6 99.6	173.0
≥ 100 ≥ 0	39.9 89.9			98.5 98.5		99.0	99.1	99.2	-	99.5		99.5		99.6 99.6	99.6	I - 1

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

KUNNESY PAGE CENSES FL 69-17,73-5

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY 'ST	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥4	≥3	22 7	≥ 2	≥1 7	≥1%	≥1	≥ 1,4	≥ '•	≥ ″	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	45.7	47.7	47.7 0°.1	47.7	47 • 7 = 1 • 1	47.7 55.1	47.7 65.1	47.7 65.1	47.7 65.1	47.7 65.1	65.1	47.7 65.1	47.7	47.7 65.1	47.7 55.1	47.7 55.1
≥ 18000 ≥ 16000	7	ღნ•1 65•5	5 ? • 1 5 ~ • 5	65.1 65.0	r - 1 5 - 6	05.1 20.6	65.1 65.6		5.1 15.6	45.1 €5.0	65.6	65.1	65.1 65.6	65.1 65.6	≈5•1 6≝•6	65.6
≥ 14000 ≥ 12000	24.9 c7.3	67.4 70.4	67.4	67.4	57.4	73.5	67.4 75.5	76.5	67.4 77.5	67.4	7:.5	67.4 7:5	67.4 70.5	67.4 75.5	67.4 75.5	6:04 7:05
≥ 10000	71.1	74 • s 77 • á	. 1	74.2	74.9 17.7	77.7	74.7	74.9 77.7	74.¢ 7 <b>7.</b> 7	74.5	74.9 77.7	74.5	70.9	74.5 77.7	74.9 77.7	75.1 77.E
≥ 8000 ≥ 7000	76 • 1 76 • 7	32.0	ರ1•3 52•:	11.5 32.2	91.6	2.6	51.6 52.2	31.6 °2.2	37.0	82.2	11.6	91.6	52.2	11.6	*1.6 ?2.2	1.7
≥ 6000 ≥ 5000	73.3	°5.1	67.3	35.3 87.3	ი . 2 <u>ი 7 . 3</u>	97.3	37.3	45.2	55.7 37.3	85.2 37.3	87.3	85.2 87.3	33.2 37.3		35.2 87.3	97.4
≥ 4500 ≥ 4000	1 • 5 c 3 • 7	89.5 71.9	93.3	33.9 72.4	92.4		20.0 92.4	72.4	89.5 92.4	29.7 92.4	92.4	89.4 92.4		89.9 42.4	39.9	G . 1
≥ 3500 ≥ 3000	.5 • 3	93.d 95.1	94.7	94 • 3	94.3	74.3	95.6	95.6	94 . 3 95 . 6	94.3 95.6		94.3		94.3	94.1	95.5
≥ 2500 ≥ 2000	7 • 4	97.4	96.5 97.5	96.6 97.d	98.0	76.7 73.0	96.7 99.7 93.4	96.7 98.0	96.7	96.7	96.7 98.	96.7 95.0	96.7	96.7 98.5	96.7 99.1	50.5
≥ 1800	:7.5	97.8 95.1		95.3 95.7 98.9	98.9 98.9		98.9	98.3	98.8	98.8 98.1	98.5	95.3	98.4 98.8	79.4	93.9	70.6 69.
≥ 1200 ≥ 1000 > 900	7.9	98.3	98.2	99.1	99.2	99.2 99.2	99.2	99.2	39.2	99.2	99.2	99.2	99.2	99.2 99.2	79.2 79.2	99.5
≥ 900 ≥ 800 ≥ 700	7 . 7	90.3 98.5	93.5	99.1 99.4	99.4	99.4	39.4	09.4	59.4 99.6		99.4	99.4	79.4	99.4	99.4	99.7
≥ 500	48 (	98.0	99.1	99.5	99.7		99.7	99.7	99.7 99.7	99.7	99.7	99.7	99.7	99.7	99.7 99.7	11.05
≥ 400	3 - 1	93.6	99.1	99.5	99.7		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	1
≥ 100 ≥ 100	9.	C 3 . 6	99.1	99.5	99.7	9.7	99.7	99.7	99.7	99.7	1	99.7	99.7	9.7	50.7	1
ž 0	.5.	c t		9.5	99.7		29.7	09.7	99.7		1 1	99.7		1 1	99.7	

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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LES AL CELMATOLEUM HABNEH LESSETAC ALL SEATH & SERVICEMAG

### CEILING VERSUS VISIBILITY

1 33 ANALTY SPACE CENTER FL

69-70,73-a

- CT

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		-					VIS	BILITY (ST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥5	≥4	≥ 3	≥2 7	≥ ?	≥1.7	≥1%	≥1	≥ ¼	≥ >₀	≥ ;	≥5 16	≥.	≥0
NO CEILING ≥ 20000	ົໄ•ໄ ລອີ•4	43.9 68.6	53.° 66.6	5 % 5 6 8 • 6	53.8 63.6	53.8 63.6	53.2 58.0	53.3 65.6	57.5 68.6	53.3 66.6		53.3 63.6	53.8 68.6	53.3 68.6		53.6 53.6
≥ 18000 ≥ 16000	55.4 c5.7	63.6 69.3	63.0 69.3	69.6 69.3	5:.6 69.3		63.6 69.3	68.6 69.3	69.6 69.7	60.5	68.8 69.3	69.3	69.6 69.3	68.6 69.3	63.6 55.2	68.0 69.3
≥ 14000 ≥ 12000	36.4 09.1	69.9 73.2	1	59.9 73.2	69.9 73.2		69.9 73.2	69.9 73.2	69.4 73.2	69.9 73.2	69.9 73.2		59.9 73.2	69.9 73.2	69.9 73.2	69.9 73.2
≥ 10000	71.3 73.8	76.7 79.3	79.3	76.7 79.3	76.7 79.3	76.7 79.3	76.7 79.3	76 <b>.7</b> 79 <b>.</b> 3	76.7 79.3	76.7 74.3			76.7 79.3	76.7 79.3	76.7 79.3	76.7 79.2
≥ 8000 ≥ 7000	75.3 76.9	.1.8 83.3	83.3	91.8 23.3	83.3	+	81.8	21.9 23.3	81.9 83.2	21.8 83.3		81.8 93.3	a1.3		81.8 83.7	51.3 73.3
≥ 6000 ≥ 5000	73.3 o⊆.4	85.1 97.2		95.1 37.2	85.1 87.2		55.1 27.2	85.1 87.2		55.1 67.2		85.1 87.2	87.2	85.1 37.2	85.1 87.2	60.1 67.7
≥ 4500 ≥ 4000	37.4 53.5	91.4	91.5	39.9	89.9	91.5	39.9 91.5	69.9 01.5	91.5	89.9	91.5	89.9 91.5	89.9 91.5			31.5
≥ 3500 ≥ 3000	.5•5 .6•5	93.1		94.6	93.1		93.1	93.1		93.1	94.6	93.1	97.1 94.6	93.1	93.1	94.6
≥ 2500 ≥ 2000	37.0 27.7	96.8		95.3 97.1	95.3	97.2	95.3	95.3 97.2	97.2	95.3 97.2	97.2	95.3	95.3 97.2	97.2	95.3 97.2	95.3
≥ 1800 ≥ 1500	8.1	97.7	<del></del> -	93.1 98.4	98.2		98.2 98.5			98.2	98.€		98.2 95.6	98.6		98.7 98.6
≥ 1200 ≥ 1000	3 8 • S	99.	93.2		99.6	99.6	99.2 99.6			99.4	99.7		99.4			99.4 99.7
≥ 900 ≥ 800	28.8 58.8	99.0	99.1	99.4 99.5	99.6	99.7	99.6	99.6	99.6 99.7		99.8		99.8			99.7
≥ 700 ≥ 600	38.3 88.3	99.0	99.1 99.1	99.5 99.6	99.7		99.8 99.9	99.7	99.8	99.8 99.9	99.9	99.6	99.8 99.9			99.3 99.9
≥ 500 ≥ 400 ≥ 300	59.3 68.8	99.0		99.6 99.6	99.9	69.9	99.9	99.9	99.9		100.0	106.5		160.J		150.5
≥ 200	20 - 30 - 30 - 30 - 30 - 30 - 30 - 30 -	99.0	1 ' 1	99.0 99.0	99.9	99.9	99.9	99.9	99.9	160.0	100.1	100.0 100.0	160.0	100.0	100.0	
≥ 100	υ8 • 3	99.	1 1	99.6		59.9	99.9					100.0				

TOTAL NUMBER OF OBSERVATIONS 92

USAF ETAC FORM IN 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

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# CEILING VERSUS VISIBILITY

STATION STATION NAME

€ <del>7 - 7 ° , 7 3 - 8</del>

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY 'ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	227	≥ 2	≥1 7	21/2	≥1	≥ ¼	≥ '⁄₀	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	57.7 al-	58.4 48.6	5÷.4	5:•4 5:•4			38.4 68.8	58.4 55.6		ნა.4 გგ.შ	55.4 £9.5	5 u 6 3 . 5	5. •4 5. •5	58.4 68.5	50.4 58.8	5 = 1   6 = . 5
≥ 18000 ≥ 16000	67. ⊌9.1	€8.9		5 ⊬ • 6 6 ÷ • 9	6 1 • 8 6 1 • 9	(8•3 55•9	69.9 61.9	68.8	اروفي ويون	€6.€ 65.9	5⊁•° 6♂••	6 8 5 • 5	€3.8 01.9	09.J	ნძ•მ ამ•?	43.9
≥ 14000 ≥ 12000	71.5	7 L e i 7 <sub>2 e</sub> 9	77.	7 72.3	79	70.0 72.9	77.0	76.0 72.9	70.1 72.9	7 72. • 3	70 • 72 • 9	72.5 72.5	7 • 6 72 • 9	70.0 72.9	70.0 12.0	71
≥ 10000 ≥ 9000	74 • 1 76 • 9	76 • J	7: 77	76.3 79.1	76.0 76.1	76.0 79.1	76.0 79.1	76 • U	76.1	76.1	76.1 79.1	76.1	76.0 79.1	76 • . 79 • i	76.1 79.1	76.1
≥ 8000 ≥ 7000	79.4	% 2 • 0 8 3 • 3	5 ?	52.0 57.0	ამ•8 ქ3•8		მე.ი გე.მ	63.0 0.5 0.5	32.€ 32.€	82.1 83.	52.	92.0 32.0	82.0 83.0	€2•↓ 73•	22.	1 1
≥ 6000 ≥ 5000	.2.3 -4.	35.1 36.9	35.; 36.9	45.1 26.9	35.0	:5•1 :6•9	85.1 86.9	92•1 €3•9	85•1 86•°	გ5•1 გ6•9	86.9	85.1 86.9	ი5•1 გნ•9	55.1 86.2	35.1 35.7	7 •
≥ 4500 ≥ 4000	:5.1 27.3	98.8 91.3	99.7 91.3	28.8 21.3	83.9 9 <b>3.3</b>	8.38 51.3	28.8 31.3	98.8	მწ•მ 91•3	88∙8 91•3	82.8 91.3	₽3•5 51•3	85.8 91.3	88.5 91.3	83.8 91.3	88.5 61.4
≥ 3500 ≥ 3000	5° • 3	93.8 94.6	97.4 94.4	93.8 94.6	93.8 94.6	93.8 94.6	93.8 94.6	93.8 94.6	93.8 94.6	93.3 94.6	97.2 94.6	93.5 94.6	93.6 94.6	93.0 94.6	93.8 94.6	93.9 94.7
≥ 2500 ≥ 2000	91.7 93.5	33.0 9e.1	95.0 93.0	96.0 98.4	93 <b>.4</b>	ેછ•ડ ઉક્ <b>4</b>	96 • 7 98 • 4	96.0 98.4	96. 98.4	96.0 93.4	96 98.4	96.1 98.4	96.5 98.4	96.1 98.4	96.3 58.4	36.1
≥ 1800 ≥ 1500	93.3	98.7 98.6	99.0	99.1 95.1	99.[ 90.1	99.1	99.7 99.1	99.0 99.1	99.1	99.1	99.1	99.1	99.0 99.1	49. 99.1	99.7 99.1	99.1
≥ 1200 ≥ 1000	.4.4 74.4	70.4		99.3 99.3	99 <b>.9</b>	- 1	9 <b>9.9</b>	99.9		99.9 99.9	99.7 99.9	99.9	59.9 55.9	99.9 99.9	99.9	
≥ 900 ≥ 800	74.4 74.4	47.4 55.4	99.7	99.8	99.9		99.9	99.9		99.9	99.9	99.9	99.9 99.9	99.9 9 <b>9.</b> 9	39.9 39.9	/
≥ 700 ≥ 600	94.4 94.4	99.4 99.4	99.7	79.3 79.8	99.9		99.9 99.9	99.9 99.9		99.9	99.5 99.5	99.9	99.9 99.9	9 <b>9.</b> 9	99.9	
≥ 500 ≥ 400	94.4 94.4	79.4		99.8	99.9		99 <b>.9</b> 9 <b>9.9</b>	99.9 99.9		99.9		99.9 99.9	99.9	99.9	99.9	
≥ 300 ≥ 200	94.4	95.4 99.4	99.7	99.8		39.3	99.9	99.9	99.0	99.9	· • •	99.9	99.9 99.9	ç <b>9</b> , ç	99.9 99.9	
≥ 100 ≥ 0	74 . 4 74 . 4	19.4 19.4		99.8	94.9		99.9 99.9	99.9	1 7 . 7	99.9			99.9	_	-	1 °

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC Jul 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# CEILING VERSUS VISIBILITY

STATION STATIO

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	21.2	≥1'2	≥1	≥ ½	≥ '•	≥ ;	≥ 5 16	٤.	≥0
NO CEILING ≥ 20000	51•9 €÷•4	54.4 63.5	54.5 60.0	54.0 63.7	54 • 6 64 • 7	54.6 63.7	54.7 65.8	54 • 5 68 • 8	54.7 58.2	54 • ± 68 • 9	54.0 68.9	54.3 63.9	54.9 69.7	54.0 69.	94.9 69.7	55. 39.1
≥ 18000 ≥ 16000	"5.⊎ ს5.მ	68.5 59.1	69.7 69.2	58 59-4	67.3	ნა•მ აწ•ჴ	69.4	60.9 69.4	€6•4 €3•3	69.1 69.5	69. 69.5	69.5	59.5	69.1 69.5	69.6	69.2
≥ 14000 ≥ 12000	67.1 07.7	7:03	7:.5	73.4	7 · 6	73.4	70.7 73.6	70 • 7 73 • 6	70•7 73•*	70.8 73.7	75.6 73.7	70.8 73.7	70.9 73.9	76.9 73.8	79 73.8	710. 7309
≥ 10000	72•7 74•3	70.3 70.7	76.0	75.5 73.9	76.6 79.	76.6	79.1	76.7 79.1	76.7 79.1	76.3 79.2	76.7 79.7	76.8 79.2	75.3	76.7 79.3	76.9	77.1 75.4
≥ 8000 ≥ 7000	76.5 77.4	91.3 92.4	81.4	32.6	31.5 32.6	32.6	81.7	82.8	81.7 82.8	91.3 52.9	51. 82.5	81.8 82.9	53.1	21.9	33.0	52 · F ] · ]
≥ 6000 ≥ 5000	79.0 ~1.5	94.3	86.1	24.5 86.9	34.5 87.0	84•5 <u>47•</u> €	84.7 87.1	84.7 87.1	54.7 67.1	84.6 87.2	34.º e7.2	84.8	34.9 37.3	64.5 57.3	84.9 57.3	51.4
≥ 4500 ≥ 4000	€2.6 34.5	÷2.7	83.9 91.0	39.0 91.3	89.0 91.3	39.0 51.4	89.2 91.5	89.2 91.5	89.2 91.5	29.3 91.0	89.3 91.5	89.3	39.4	39.4 71.7	39.4	99.5
≥ 3500 ≥ 3000	.5.7	92.7	92.9 94.2	93.1 94.3	5 7 • 1 94 • 4	73.1 74.5	93.2 94.6	°3∙3 94•6	93.3 94.6	93.4	93.4 94.7	95.4	93.5	73.5 94.8	94.8	91.6 95.
≥ 2500 ≥ 2000	.7.s	94.5 95.5	95.1 96.9	95 • 3 97 • 2	95.4 97.4	95.5 97.4	95.6 97.5	95.6	95.6 97.6	95.7 97.7	95.7 97.7	95.7 97.7	95.8 97.5	95.8 97.5	95.3 97.8	95.L
≥ 1800 ≥ 1500	. 8 . 7 . 8 . 9	97.3	97.4 97.7	97 <b>.7</b> 98.0	97.9 92.1	97.9 98.2	98.1 98.3	98.3	98.1 98.3	98.2 98.5	98.2 98.5	95.2 93.5	93.6	98.3 98.3	93.5 93.6	00.5 58.7
≥ 1200 ≥ 1000	# 9 • ↓ : 9 • 1	97.6	98•0 98•2	75 • 4 78 • 5	98.6 98.7	ეგ.6 9გ.7	98.7	98.8 98.9	98.6 98.6	99.1	99.1	99.J 99.1	99.2	99.0 99.2	99.5 99.2	99.5
≥ 900 ≥ 800	69.1 89.2	97.7	99.	93.5 93.6	98.7 95.8	93 <b>.7</b> 98 <b>.</b> 9	98.9 99.0	98.9 99.1	98.9 99.1	99.1	99.1 99.2	99.1	99.2 99.3	99.2	99.2	
≥ 700 ≥ 600	39 • 4 8 • • 2	97.9 97.9	99.3 98.4	93.7 38.7	98.9 99.0	98.9 99.0	99.1	99.1 99.2	99.2	99.4	99.3 99.4	99.3	99.4 99.5	99.4 99.5	99.4 39.5	99.4
≥ 500 ≥ 400	87.3 89.3	98.J	99.4 99.5	98.3 98.9	99.1 99.2	99.1 99.2		99.4 99.5	99.4	99.5	99.5 99.6	99.5 99.6	99.6 99.7	99.6	99.6 99.7	99.9
≥ 300 ≥ 200	89.3	03.0 08.0	98.5	73.9 98.9	99.2	99•2	99.4 99.4	99.5	99.5	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8	99.8		100 <u>.</u> 5
≥ 100 ≥ 0	59.3 99.3	3.59	95.5 95.5	98.9 98.9	99.2 99.2	99.2 99.2	99.4 99.4	99.5	99.5 99.5	99.7 99.7	99.7	99.7 99.7	99.8	99.5 99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS\_\_\_

USAF ETAC JUL64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# CEILING VERSUS VISIBILITY

STATION STATION NAME STATION NAME VEARS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY

Y OBSERVATIONS)	HOURS IST
IBILITY (STATUTE MILES)	

CEILING							VIS	ABILITY ISTA	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥27	≥ 2	≥1%	≥1'4	≥1	≥ 1/4	≥ >⁄8	≥ 5	≥5 16	≥ .	≥0
NO CEILING	:4 . 3	50.6	53.9	55.1	7.4	39.4	59.7	r9.7	59.7	60.i.	€	67.0	51.02		6	£ _ • 3
	22.6	67.6	63.	<u> </u>	c ∙6	60.0	<u>63.3</u>		68 • =	65.2	65.3	69.2	<u>∪9.7</u>	69.7	69.9	59.6
≥ 18000   ≥ 16000	1.0•0 62•3	67.6	6	60 • 2	5 6	ნა.მ ნძ.მ	63.	68.8	69.a	69.2	65.2	69.4	64.7	69.7	69.8 70.0	69.3
≥ 14000	- 3 - 4	63.4	53.0	59.2	67.6	67.6	59.8		69.8	7	76.	7(.2	70.7	76.7	75.8	7
≥ 12000	C4 . 3	70.3	73	71.1	71.4	71.4	71.7	71.7	71.7	72.1	72.1	72.1	70.5		72.7	72.7
> 10000	27.	72.9	73.1	73.8		74.1	74.3	74.3	74.7	74.3	74.0	74.9	75.2		75.3	75.3
≥ 9000	/c.3	70.3	77.	77.2	1				77.3	78.2	70.0	78.2	77		78.8	75.3
> 8000	1.7	77.8	79.4	79 · C			79.6		79.5	5 .	0.2.5	80.0	30.4		20.6	
≥ 7000	72.3	7 8	75.5	77.0		79.9	30.1	2C . 1	HE . 1	82.6	3€.6	Pi.é	01	81.	6.1.1	1.1
≥ 6000	73.7	79.7	8 .4	31.1		61.4	31.7	91.7	81.7	22.1	63.1	82.1	32.6	€2.6	32.7	87
≥ 5000	75.4	a2.	83.	87.2	33.6	93.6	37.8	93.	23.8	84.2	84.2	84.2	54.7	24.1	94.9	44
≥ 4500	77.4	84.2	85.3	35.7	86.7	30.0	86.2	86.2	86.0	34.7	86.7	86.7	57.1	37.1	37.0	7
≥ 4000	7 ∴ 6	55.1	87.	37.0	57.9		88.1	88.1	e8.1	35.6	£ 6 . c	83.6	89.0	39.0	39.1	10.1
≥ 3500	20.1	33.9	9: •	9 , 3	91.7	9:.7	35.9	95.9	95.4	<1.3	91.3	91.2	91.8	91.4	91.9	71.7
≥ 3000	1.9	73.6	91.7	35.	9.2 • 3	92.3	;2.6		92.6	93	93.	93.	93.4	93.4	93.5	93.6
≥ 2500	32.3	91.3	92.0	93.2	93.6	3.6	53.8	93.8	93.2	94.2	94.7	94.2	94.7	94.7	94.8	94.5
≥ 2000	-3 - 4	93.0	94.3	34.7	95.0		95.2		95 <u>.</u> 2	95.7	95.7	95.7	96.1	76.1	36.2	30.2
≥ 1800	1.3 • 6	23.4	94.	94.9	95.2	75.2	95.4	1	95.4	95.9	95.9	95.9	96.3	96.3	96.4	90.4
	3.0	+3.7		95.5	93.7	35.7	95.9		95.9	96.3		96.3	96.8		96.9	96.5
≥ 1200 ≥ 1000	34.1	C4.4	95.	96.1	9- 4		96.7		96.7	97.1	97.1	97.1	97.6		97.7	97.7
-	4 - 1	34.4	95.	76.1			96.7		96.7	97.1	97.1	97.1	97.6		97.7	97.7
≥ 900 ≥ 800	54.5 64.5	°5.4	95.d 96.7	96.9	97.2		97.4 97.7	1 1	97.4	97.5 98.1	97.3	97.9	98.3 98.6		99.4	93.4 34.7
≥ 700	14.0	95.8	97.1	37.4			97.1	98.	93	98.4		96.4	98.9		99.0	99.5
≥ 600	54.5	95.9		97.6	7 1		98.1	98.1	99.1	96.5	98.6	95.6	99.0	59.0	99.1	99.1
≥ 500	4.7	75.1	97.4			98.1	58.3		98.3	98.8		98.8	99.2		99.3	99.7
≥ 400	24.7	96.2	97.6	97.9		93.3		98.7	98.7	99.1	99.1	99.1	99.6	,	99.7	99.7
≥ 300	64.7	76.2	97.6	98.2	90.7	90.7	99.0	99.0	99.	99.4	99.4	99.4	99.9	99.9	100.0	11
≥ 200	-4.7	95.2	97.~	9502	96.7	93.7		99.0	99.5	99.4	99.4	99.4	59.9	49.9	1:0.0	11 5.
≥ 100	4 . 7	96.2	97.t	98.2	9:07	93.7	99.3	99.0	49.0	99.4	99.4	39.4	99.9	99.5	1 5.0	101.1
≥ 0	4.7	93.7	97.5	95.2	98.7	53.7	99.0	99.0	99 • D	69.4	59.4	95.4	79.9	99.3	1 0.0	1 (

COLUMN (EFRATCEREY TRANCH LATITAC LATITAC ESERVICE/MAG

# CEILING VERSUS VISIBILITY

1 STATION STATION NAME STATION

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		_	· · ·				VIS	BILITY ST	ATUTE MIL	ES						
FEE1	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥17	≥1.2	≥1	≥ 1/4	≥ 5/8	≥ ,	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	-3.4 22.7	50.0 53.	52.8 68.3	59.3 69.9	.°•6 6°•1	37.6 69.1	60.1 59.7	69.8	58 • 3 69 • 8	55.4 70.1	οΓ•4 70•1	71	61. 75.7	91. 70.7	51.3 71.2	5 71.7
≥ 18000 ≥ 16000	02.3 62.6	€≥ 68.3	69.5	69.2	69.1 €7.4	59.1	77.5	69.3 70.1	59.1 7°.1	76.1 73.4	70.1 70.4	70.1 70.4	70.7 71.0	71.5	71.2 71.6	72.
≥ 14000 ≥ 12000	52.9 64.2	58.7 73.1	6°•4	69.6 71.0	£0.3	69.8 71.2	71.3 71.8	70.4 71.9	70 • 4 71 • 9	71.48 72.2	70.5 72.2	72.3	/1.3 72.8	71.3 72.6	71.9	72.3
≥ 10000	.6.7 €3.	73.3	73.7 73.4	74.4 75.2	74.7 76.4	74 • 7 76 • 4	75.2 77.5	75 • 3 77 • 1	75 • 3 77 • 1	75.7	75.7	75.7 77.4	76.2 73.5	76.2 73.0	76 • 8 78 • 6	77.5 79.5
≥ 8000 ≥ 7000	39.4 59.5	76.7 17.0	77.3 77.3	77.8	78.0 78.3	78.0 78.3	73.6 79.9	76.7 79.0	78 • 7 79 • 7	79.3	79.3	79.3	75.6 75.9	79.6 79.9	9:.1	e 5
≥ 6000 ≥ 5000	77.0 71.7	78.2 3:.3	74.5 57	79.3	77.6	31.7	3€.1 62.2	2 C • 2 2 2 • 3	30.2 62.3	35.6 82.7	82.7	FC.6 82.7	81.1 85.2	91.1 23.2	1.7 3.9	83.1 39.1
≥ 4500 ≥ 4000	73 75.2	₹1.8 8 <b>4.6</b>	32.1 84.9	32.9 35.7	3 ? • 1 3 5 • 9	33.1 85.9	53.7 56.4	83.8 86.5	83.° 86.6	34.1 86.5	54.1 86.9	94.1	67.4	84.7 57.4	85.2	20.4
≥ 3500 ≥ 3000	77.3	87.0 35.0	37.4 89.4	38 • 2 39 • 2	37.6 89.6	98.6	₹9.1 97.1	89.2 90.2	29 • Z 90 • Z	95.6	95.5	57.0 9.6	90.1 91.1	90.1 91.1	90.7 91.7	61.1 52.1
≥ 2500 ≥ 2000	78.2 79.8	원 • 7 91 • 4	89.1 92.	90.0 92.9	9 . 3	3.2	90.9 93.8	91.3 93.9	91. 93.c	94.2	91.3 94.2	91.3	91.9 94.8	91.9 94.5	92.4 95.3	96.9
≥ 1800 ≥ 1500	79.9	91.6 92.1	92•1 92•7	73.C	93.3		93.9	94.5 94.6	94.6	94.5	94.9	94.9	94.9	95.4	95.4 96.:	95.9 36.4
≥ 1200 ≥ 1000	( ) • 3	92.7 92.9	93.4	94.1 54.3	94.7	54.4 94.7	95.2	95 • 1 95 • 3	95 • 1 95 • 3	95.4 95.8	95.4 95.5	95.4 95.8	96.0 96.3	96 • 3 96 • 3	96.5	97.3
≥ 900 ≥ 800	20 • 3	93.1	93.0	74.4 94.7	94 • 8 95 • F	94.3	95.3	95.4	95.4	95.9	95.9 96.1	95.9	96.4	96.4 96.7	97.8 97.2	97.4
≥ 700 ≥ 600	50.4 50.4	93.9	94.7	95.6	95.9	95.9	96.4	96.6	96.6 96.6	97. 97.	97.1 97.1	97.3	97.6	97.6	98.1	96.6
≥ 500 ≥ 400	20.4 30.3	94.2 24.4	95.1 95.3	75.9 96.2	96.2 96.9	76.2 96.9	97.4	96.9	95.9	98.	97.3	97.3 98.0	97.9 93.6	77.9 98.6	98.4	95.9
≥ 300	5.00	54.4	95.4	96.6 96.6	97.2	97.2	97.8	97.9	97.9	98.4 98.4	98.4	95.4	93.9 99.0	98.9	99.4 99.6	99.9
≥ 100 ≥ 0	ું. ક્રિફ	94.4 94.4	95.4	36.6 36.6	97.2 97.2	97.2 -7.2	97.8 37.8	97.9 97.9	57.5	96.4 98.4	98.4	95.4	99.0	99.4	99.6 99.6	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STATION STATION NAME VEARS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING			-				VIS	BILITY ST	ATUTE MIL	<b>E</b> 5						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1%	≥1'₄	≥1	≥ 1,4	≥ %	≥ ∵	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	• • • • • • •	11.4 £4.7	51.1	52.4 54.1	5:•1 64.9	53.1 54.9	53.4 65.2	93.6 88.4	11 4 13 15 13 6	54.0 65.0	94.° 96.°	54.0 66.0	54.7 56.7	54.7 66.7	55. 67.1	51.C
≥ 18000 ≥ 16000	7 7	62.9 61.8	64.3	54.3 55.3	65.1 56.1	45.1 53.1	55.4 66.4	45.7 66.7	65•7	66.2 61.2	66.2 57.3	66.2 57.2	56.7 67.9	66.9 67.9	67.7 62.7	6:01 (9:1
≥ 14000 ≥ 12000	15•7 7•4	64.7 07.2	65.3 67.3	65•2 6֥8	€?•: 6°•7	67.7	67.3	67.5 70.3	57 · 5	6c•1	υ3•1 7⁻•5	63.1 71.9	62.6 71.6	58.5 71.6	€9.2 72.0	7.0
≥ 10000 ≥ 9000	: G • 3	69.3 71.9	77.0	71.2 72.c	72•1 73•4	72•1 73•4	72.6 72.9	72.3 74.1	73.2 74.1	73.5 74.7	73.3	73.3	74.3 75.3	74 • · · · · · · · · · · · · · · · · · ·	74.4	75.2
≥ 8000 ≥ 7000	61.7 .2.	72•3 74•0	73.1	74 • 3 15 • 7	74.9 75.6	74.9 76.6	75.4 77.1	75.8 77.4	75.5 77.4	76.3 78.0	76.3 78.	75.3 78.0	77•1 76•7	7 <b>7.</b> . 78.7	77.4 79.1	76.2 79.5
≥ 6000 ≥ 5000	.4.1 (5.6	76.2 75.1	76.3 78.3	77.9 79.8	72.9	73.5 66.7	79.3 81.3	73.7 .1.6	79.7 51.6	82.2 92.1	50.2 02.1	€0.2 P2.1	ძ . 7 ამ . 8	) '.9 e2.ee	:1.3 :3.2	12.1 14.0
≥ 4500 ≥ 4000	16.7 15.7	79.4 32.	8:•7 32•5	31.2 33.9	52.1 54.8	42.1 84.8	32.7 35.4	F3.0 35.6	87.1 85.8	93.6 26.3	:3•€ 86•I	93.6 85.3	34.2 87.0	24.2 37.	54.7 37.4	44 ع ج المان
≥ 3500 ≥ 3000	7 • 3	15. 15.J	95.4 86.4	30.9 37.9	87.8 59.8	27.8 33.5	69.4 39.4	58.8 59.8	88.8 59.8	89.3 9.3		89.3 9.3	90.0 91.0	90.0	90.4.	-1.c
≥ 2500 ≥ 2000	/1.1 /1.7	55.5 27.8	87.3 82.6	33.6 89.8	59.4 97.7	39.4 73.7	94.1 91.3	90.4 91.7	9:,4	91. 92.2	91. 92.2	91.5 92.2	91.7 92.9	91.7	92.1 93.3	94.1
≥ 1800 ≥ 1500	71.3 72.1	34.0 35.4	8° • 1	90.E	95.9 91.2	90.9 91.2	91.5 91.9	91.9 92.2	91.9 92.2	92.4	92.4 92.8	92.4 92.8	93.1 93.4	93.1 93.4	93.5 93.9	94.7
≥ 1200 ≥ 1000	77•3 72•9	99.4	8°•3	91.0 91.4	91.9 90.3	91.9 92.3	92.6 93.1	92 <b>•9</b> 93•4	92.9 93.4	93.4 94.1	93.4 94.1	93.4 94.1	94.1 94.8	94.1 94.8	94.5 95.2	95.3 96.0
≥ 900 ≥ 800	72.3 72.d	9 . 9	91.1 91.7	92 <b>.3</b>	93•2 93•8	93.2 93.8	94.0 94.6	94.3 94.9	94.3 94.9	95.0 95.6	95.0 95.6	95.0 95.6	95.7 96.2	9 <b>5.7</b>	96.1 96.7	95.9 97.4
≥ 700 ≥ 600	72.9 72.9	91.0	91.9 92.	93.1 93.2	94.0 94.1	94.0 94.1	94.8 94.9	95.1 95.2	95.1 95.2	95.8 95.9	95.8 95.9	95.8 95.9	96.4 96.6	96.5	96.9 97.9	97.7 97.8
≥ 500 ≥ 400	73.3 73.3	91.3 71.3	92.3 92.3	93.6 93.6	94 <b>.4</b> 94 <b>.</b> 6	94.4 94.6	95.2 95.4	95•6 95•9	95.0 95.9	96.0	96.2 96.5	96.2 96.6	97.1 97.4	97.1 97.4	97.7 98.0	^a•4 9∍•8
≥ 300 ≥ 200	/3•5 /3•5	91.3 91.4	92.4 92.4	93• <b>6</b> 93•7	94.7	94.7 94.8	95.6 95.8	96.5 96.2	96.2	96.9 97.3	97.3	95.9 97.3	98.0 98.4	98.4	98.7 99.1	99.5
≥ 100 ≥ 0	73.0 73.	91.4	92.4 92.4	93.7 93.7	94.8 94.8		95.8 95.8	96.2 96.2	96.2 96.2	97.3		97.3 97.3	98.4 98.4	98.4 98.4	99•1 99•2	99.0 1 ∟•€

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

. AL CERMINES,Y HRANCH Larting Community a GERVICL/NAC

# CEILING VERSUS VISIBILITY

KANNEDY SPACE CRATET FL.

(4-7),73-s

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73.7-1117

CEILING							VIS	BILITY ST	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 7	≥ ?	≥≀ :;	≥1.4	≥1	≥ ¹4	≥ %	≥ :	≥5 16	2.	≥0
NO CEILING ≥ 20000	47.	11.6 64.2	51. 69.7	51.7. 14.6	.1.7 5.4.6	11.7	;1.7 ć4.c	4.5	11.7 54.5	11.7 64.6	-1.7 64.	64.0	51.7	51.° 64.5	11.7	51.71 54.51
≥ 18000 ≥ 16000	o	54.6 55.2	54.5 5:.7	54.5	54.6 √:•6	64.9 5.6	54.9 65.6	44.9 (5.5	34.° 55.€	64.5	54.3 55.3	64.9 55.6	64.9 65.6	64.7 65.6	64.1 65.6	f4.9
≥ 14000 ≥ 12000	1.3	60.0 69.4	59.4	لا • ± ن اغ • لاغ	50.0 65.8	50.9 53.0	და.? ც9.3	€6.7 65.8	υ6•υ 59•۶	50.5 69.6	66.1 69.5	60.9 60.1	60.9 69.8	56.0 59.5	6 <b>6.</b> 9	50 € € 50 € €
≥ 10000 ≥ 9000	.6.1	72.1 72.8	72•1 72•2	7 i	72.4 77.1	72.4 73.1	12.4 73.2	72.4 73.2	72.4 73.3	72.4 73.2	72.4	72.4 73.1	72.4 73.2	72.4 73.2	72.4	1
≥ 8000 ≥ 7000	7•03 ئ•ن∟	75.9 73.1	7°•° 73•2	16 • 2 7 : • =	7:•2 7:•6	70.3	70.3 72.7	76.3 78.7	76.5 12.7	76.7 78.7	76.7	70 • 2 7 = • 7	76.3 73.7	76.3 73.7	76.3 78.7	76 • 3 7 3 • 7
≥ 6000 ≥ 5000	75.5	31.3 84.8	91.4 94.	:1.5 35.2	31.2	1.9 95.3	81.9 85.4	61.9 55.4	31.9 55.0	81.5 85.4	91.9 95.4	81.9 25.4	#1.9 #5.4	91.9 35.4	01.9 15.4	3 ( u
≥ 4500 ≥ 4000	77.8 78.9	26.5 37.8	83.7 81.9	37• 23•3	37.1 39.7	7.1 ds.7	37.2 38.9	87.2 88.9	\$7.;	67.2 86.9	ε7•3 88•9	87.2 83.5	69.9	58.9	57•? 88•9	-7•2 50•4
≥ 3500 ≥ 3000	. 7	97.0 96.4	91.1 91.6	97.6 91.0	5:.9 91.4	99 -1.4	91.1 91.7	01.1 61.7	91.1 91.7	91.1	91.1 91.7	91.7	91.1	91.7	51.1 51.7	12.7
≥ 2500 ≥ 2000	21.0 22.1	ເ_ູຍ ∷2•6	91 92.7	91.0 93.2	92.7 93.7	3.7	93.9	92.2	93.5	92.2 93.9	92.0 93.5	92.2 93.9	92.2 53.9	52.2 53.9	92.2 93.9	92.2
≥ 1800 ≥ 1500	7.1	92.7	97.4	93.3	93.8 93.9	93.9		94.3 94.1	94. 94.1	94 94.1	94.1	94.1	94.3 94.1	94.1	94.0 94.1	94.1 94.1
≥ 1200 ≥ 1000	70.3 42.3	93.9	94.7	94.8 95.0	95.4	95•2 35•4	95.7	95.4 95.7	95.4 95.7	95.4 95.7	95.4 95.7	95.4 95.7	95.4	95.4 95.7	95.4 95.7	7 - 7
≥ 900 ≥ 800	23.2	04.5 94.5	94.3	95 • 7 96 • 2	96.1 96.7	96.1	96.3	96.3	96.3 96.9	96.3	76 • 3	96.3 96.9	96.3 96.9	96.3 96.3	56.3 56.9	96.3 96.9
≥ 700 ≥ 600	N 1 N 1	95.1	95.7 96.1	76.7 47.1	97.1 97.8			97.3 98.1	97.3 98.1	97.3 98.1	97.3 92.1	98.1	97.3 98.1	97.3 98.1	97.3 98.1	97.3
≥ 500 ≥ 400	3 • 2	05.7	96.4 96.4	97 <b>.7</b>	99.4	93.4		93.8			98.0	99.1	99.9 99.1	98.9 99.1	99.0	69.5 09.5
≥ 300 ≥ 200	03.2 03.2	96.1	96.9	99.1 99.2	93.9	98.9 99.0	99.3	99.4		99.6 99.7	99.6	99.6 99.7	99.6	99.0		99.0
≥ 100 ≥ 0	53•3 c3•3	96.1	96.9 96.9	98.2 98.2	99.0	99.5	99.4	99.4	99.4 99.4	99.7 99.7	99.7 99.7		99.7 99.7	99.7 99.7	99.9	49.7 17.

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_\_

90

USAF ETAC 101.04 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE STATE OF THE PROPERTY OF THE CANADA THE RESERVACE AND

### CEILING VERSUS VISIBILITY

FI RESIDENT STATION NAME 51-70,73-3

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 7	≥ 2	≥1.7	≥1.	≥1	≥ ¼	≥ '*	≥ 7	≥ 5 16	≥ .	≥c
NO CEILING ≥ 20000	- 7 • .	- 1 • 4 0 3 • 7	51.4 6°.7	51.4 64.7	51 • 4 5 • 7	11.4 53.7	£ 1.4		51.4 68.7	51.4 50.7	ن ا 1 - دع	51.+ 6:.7	51.4 52.7	51.4 68.7	51.4	5 7
≥ 18000 ≥ 16000	67.2 67.4	68.7 89.1	6 % • 7 5 7 • 1	65.7 65.1	51.7 67.1	69.1	ამ.7 გვ.1	59.1	5 • 7 5 • • 1	56.7	64.7 65.1	69.7 64.1	69 <b>.7</b> 69 <b>.1</b>	68.7 69.1	6:.7 69.1	65.7 65.1
≥ 14000 ≥ 12000	u6 • 7 _73 • 3	73	7 • 3	7 ° • 3 7 2 • 3	7′ • 3 7 ≥ • 3	12.3	73 72.3	72.3	7.3	70.3	70.3 72.3	75.2 72.2	75 • 3 77 • 3	70.7 72.5	72.3 12.2	7
≥ 10000 ≥ 9000	72.3 72.3	74.7 76.3	74.7 75.1	74.7 76.1	74.7 70.2	75.2	74.7 76.2	76.2	74.7 76.2	74.7 76.2	74.7 76.2	74.7 76.2	74.7 15.2	74.7 76.2	74.7 76.2	74.7 76.
≥ 8000 ≥ 7000	77.3	78.8 31.3	70.4 31.4	76.9 91.4	79.0 01.6		79.0 81.6	79.0 21.5	79.	79.	79.	75.7	7°•: 31•5	79. 31.6	79.	76.
≥ 6000 ≥ 5000	ამ•3 	14.7 15.3	34.3 85.6	34.2 35.6	24.3 5.7د	2 5 • 7	35.7	85.7	64.7 85.7	84.3 85.7	54.3 05.7	24.3 85.7	24.3 35.7	54.3 85.7	44.7 65.7	4.3
≥ 4500 ≥ 4000	0 å • å 34 • 3	57.7 39.00	87.7 67.4	37.9 29.4	3°•0		49.6			00 °	38.0 39.0	84.5 84.8	55.0 35.6	2 <b>a.</b> 69.€	€9.4 89.4	5
≥ 3500 ≥ 3000	25.5 `5.3	39 32.1	91.5 92.5	71.3 97.0	91.4 97.7	72.7	91.4 92.7	91.4	52.7	91.4	91.4 92.7	91.4 92.7	51.4 57.7	91.4 92.7	91.4 97.7	95.7
≥ 2500 ≥ 2000	47.7	93.4	94.7	94.7 97.0	94.8 97.1	7.1	94.0 57.2	27.2	97.2	97.2	94.9 97.3	94.9 97.2	94.9 97.2	94.4 9 <b>7.</b> 2	94.9 97.2	97.2
≥ 1800 ≥ 1500	ي بان 2 • ع	76.9	97.5	97.5 97.6		77.7	97.6 97.8	97.8	97.8	97.6 97.2	97.0 97.8	97.6 97.8		97.8	97.6 97.3	
≥ 1200 ≥ 1000	53.3 30.5	97.8 97.8	98.4	98.0 96.6	5:.7 3:.7	98.7	95.8 99.8	98.8	98.5	98.8	98.° 98.5	90.0 90.3	90.8 98.8	98.0 98.0	98.8 98.8	95.6
≥ 900 ≥ 800	ş	44.2	36.4	99.	99.1 99.1	99.1 99.1	99.2 99.2	99.2	99.2	69.2		99.2	99.2 99.2	99.2	99.? 99.?	99.2
≥ 700 ≥ 600	90.1 90.1	98.6		99.4	५९ <b>.1</b> ५१ <b>.</b> 6		99.2 99.7	99.7	99.2 99.7	99.7	99.2 99.7	99.2 99.7	99.2 99.7	99.2 99.7	99.2 93.7	59.7
≥ 500 ≥ 400	00 • 1 3 • • 1	78.6	99.	99.4	99.6	79.6				99.5 99.5		99.8	99.8 99.8	99.8	99.9 99.8	66.4
≥ 300 ≥ 200	70 • 3 5 C • 1	ਿਰ•6 ਨਰ•6	9,.3	99.7	99.8	79.3	100.0	10:.0 100:0		105.0	100.0	100.0 100.0	155.0 155.0	130.0	110.0 110.7	1 1 6 • 7 1 · · · · ·
≥ 100 ≥ 0		95.6 93.6		99.7	ଟେ∙ଞ ବଦ•8	1 - 1	100.0 100.0		100.0 100.0	160.0 100.0	100.0 160.0	100.0 100.0	160.0 <u>1</u> 10.0	1	100.0 105.0	1

USAF ETAC 100 64 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

1 STATION NAME OF STATE STATION NAME

69-70,73-30

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							VIS	BILITY IST	ATUTE MIL	LES						
FEE1	<u> </u> ≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥1.7	≥1.	≥1	≥ 14	≥ >8	≩ ;	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	67.1	40.7	44.9 69.3	49.9		59.3	40.0	49.9	,	1 -		41.5	47.9	49.5		45.5
≥ 18000 ≥ 16000	u 7 €.	09.	5 3	60.0		59.6		69.3	69.1	64.6	69.3	69.3	69.3 67.6		69.6	670
≥ 14000 ≥ 12000	67.9				71.4	71.4	71.4	71.4	71.4	70.4	77.	71.4	71.4	70.0	7C.6	71 . 4
≥ 10000	14.	77.0	77.	77.5	77.9	13.8 77.6	73.8	77.6	73.5	73.8	73.3	73.8	73.8	73.a	73.3	73.8
≥ 9000 ≥ 8000	76.3	75.3	7°.	7	70.0	77.2	79.	75.0	7 □ •	75	79.	79.	79.5	77.6	77.6 79.	77.6
≥ 7000	78.3	4.04	<b>53.</b>	1 و د :	દે : • 1	1.3 33.1	01.3 53.1	°1.3	31.3 33.1	81.3 93.1	31.3 33.1	83.1	01.3 03.1	61.3 53.1	81.3	-1.3 -3.1
≥ 6000 ≥ 5000	17.4 12.3	^4.9 ~6.7	35.7 37.4	95.8 87.0	ه. "د £ ? • 6	ეე.მ 37.ნ	35.9	26∙0 27•8	86.1 57.9	80.€ 87.8	36.0 87.6	86.0 87.8	66.C 87.8	36. 87.3	86.0 57.8	83. 57.0
≥ 4500 ≥ 4000	33.3 24.9	3 3 - 4	84.3 91.	57.3	07.3 91.1	39.3	39.4 91.2	39.6	91.3	99.0	89.5	39.6	69.6	£9.₺	99.6	90,
≥ 3500 ≥ 3000	:5.3	91.8 73.1	92.0	94.1	92.7	92.7	97.8	92.9	92.9	94.9	91.3	92.5	92.9	92.7	91.7	9
≥ 2500 ≥ 2000	.7.	95.0	96.1	76 • <u>1</u>	96.2	74.1 75.2	96.3	94.3	94.3	96.4	96.4	96.4	94.3	94.3	96.4	56.4
≥ 1800 ≥ 1500	5 • 4	76.3	97.4	97.6	97.7	57.7 53.0	97.8	97.9	97.0	90.3	98.2	97.9	97.9	97.9	97.9	97.9
≥ 1200	3.7	75.7	95.1	98.2	9:.2	56.2 30.4	98.4	98.6 98.8	98.E	98.3	98.6	98.6	98.6	98.6	95.6	दह् <u>य ह</u>
≥ 1000	.2.7 :3.7	77.	95.1	98.2	98.4	98.4	98.9	98.9	98.9	96.9	90.5	98.9	99.0	98.9 99.7	98.9 99.7	99.5
≥ 800	= . 7	51.	93.4	98.6	98.9	93.9	99.2 99.2	99.3	99.7 99.3	99.4	39.4 99.4	99.4	99.6	99.6	99.6	99.5
≥ 700 ≥ 600	-9.7 58.7	97.3	98.4 98.2	96.6 98.9	98.9 99.2	93.9	99.2	99.3	99.3	99.4	99.8	99.4	99.9	99.5	99.6 99.9	99.5
≥ 500 ≥ 400	39.7 36.7	97.4	93.9	99.C	99.3	99.3	99.7	99.8	99.2	99.9	99.9	99.91	(:.01	10.01	10.0	. ∩ <b></b>
≥ 300 ≥ 200	· E . 7	97.4	98.9	99.0	99.3	99.3	99.7	င်ခဲ့ ရ	99.5	99.9	90.9	99.91		00.01 00.01	17.50. 17.50	<u>امنا.</u> دمان
> 100 2 9	53.7	07.4	93.7	99.0	50.3	77.3	39.7	99.3	97.5	99.9	99.9	99.91			.00.0b. 10.00.	. <del></del>
	<u> :3 • 1</u>	97.4	93.7	39.	79.3	+ 4 . 3	90.7	79.8	99.3	99.9	99.5	79.71	<u> ῦ[.ς]</u>	.cc.c1	cc1	56.

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

- FAR CRIMATORISY IT A CH - TAG - WINTE . SPHVICEMYAL

# CEILING VERSUS VISIBILITY

HANNERY SPACE CHATER FL

69-76,73-6

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS 151

CEILING							VIS	IBILITY ISTA	ATUTE MIL	ES-						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ⁊	≥2	≥1%	21 4	≥1	≥ 1.a	≥ '⁄a	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	र्.∎° ১५ <u>०</u> 0	€9 67.3	51.4 67.3	51•4 67•8	51.4 67.8	51.4 67.8	51.4 67.8	51.4 67.8	51.4 67.c	51.7 68.i	51.7 68.0	51.7 63.0	01.7 6~.5	51.7 68.	31.7 68.1	5 1 . 7 0 5 . 5
≥ 18000 ≥ 16000	ু কুন্	67.3 67.7	67.8 63.3	67.8 63.3	67.8 6:.3	67.8 66.4	67.8 62.4	67.8 63.4	67.8 68.4	€8.0 €0.0	60.0° 60.0°	68.0 65.6	6 ∹ • 2 6 ₫ • 6	€3.c €5.€	£3.€ 58.6	60.6
≥ 14000 ≥ 12000	ან•6 48•3	63.9 75.7	69.5 71.3	69.5	5°.5	69.5 71.6			69.6 71.6	69.0 71.0	69.8 71.8	69.8 71.8	69.3	69•∂ 71•8	59.6 71.8	69.3 71.c
≥ 10000 ≥ 9000	77.3 74.4	75.6 73.2	76.7 73.7	76.2		75.5 79.1	76.5 79.1	76.5 79.1	75.5 79.1	76.7 79.3	76.7 79.3	76.7	76.7 79.3	76.7 79.3	76.7 19.3	76.7 79.3
≥ 8000 ≥ 7000	16.5 77.7	30.7 82.4	81.3	31.3 23.0	81.5 83.2	11.0 3.3	61.6 33.3	33.3	61.6 33.3	81.3 83.5	61.s	83.5	01.8 02.5	81 23.5	63.5	81.5 93.5
≥ 6000 ≥ 5000	79.2 21.3	94.2	84.7	84.7 87.1	37.3	∴5•1 ₹7•4	95.1 37.4	۶5•1 ٤7•4	85.1 87.4	85.3 87.6	35.7 37.6	85.3 87.6	65.3 57.6	25.3 27.6	85.3 87.6	67.6
≥ 4500 ≥ 4000	2 • 5	75.Z	83.8 91.4	98.8	91.9	94.1 94.0	89.1 97.0	99.1 92.0	89.1 92.1	87.3 92.2	89.3 92.2	92.2	89.3 92.2	59.3 =2.2	50.7 52.2	91.3
≥ 3500 ≥ 3000	.ć•3.	97.3		93.4	94.9	93.8	93.8 95.0	93.3 55.0	93.3	95.2	94.7 95.2	94.5 95.2	94.0 95.2	94.0	94.C	94.0
≥ 2500 ≥ 2000	8.4	95.4	96. J	96 • 1 97 • 6	97.9	76.5 70.0	96.5 98.0	96.5 98.2	96.5 98.	96.8 96.2	96.5	96.8	95.8 98.2	96.8	96.8	
≥ 1800 ≥ 1500	· d • i	90.5 96.3	97.3	97.6	57.9	98.0 98.0		98.0	98.1	98.2		98.3		98.2	98.2 98.3	
≥ 1200 ≥ 1000	69.0 .0.6	96.9		77.9	98.2	98.2	50.4 50.6	98.4 68.6	98.4	98.7		93.7			98.7 99.9	95.9
≥ 900 ≥ 800	.3.6 39.6		97.9	98.2	98.6	93.7	98.9	9.82	98.9	99.3	99.3	99.2	99.3		99.2	99.3
≥ 700 ≥ 600	38.5 38.5	97.3	98.7	98.6	95.2	79.3	99.2	99.6	99.6	99.7 100.0	99.7 100.0	99.7 100.0	99.7 166.0	99.7	49.7 100.0	29.7
≥ 500 ≥ 400	68 • 3	97.7	99.0		99.2	99.3	99.6		99.6		150.0	100.0	100.0	100.0	100.0 100.0	176.6 170.6
≥ 300	38.9 99.9	97.7 97.7	99.6	39.9	,	59.3 59.3	99.6	99.6	99.6	126.0	150.0 160.0	100.0 100.0 100.0	130.0	100.0	100.0 100.0	1500
≥ 100	8.	97.7	9 1 . 5	98.9		99 <b>.3</b>	99.6	99.6	99.6		166.8			100.5	100.0 100.0	17C

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CASCLETE

THE SERVICE / MAC

## CEILING VERSUS VISIBILITY

AFTINEDY SPACE CENTER FL F4-10,73-8

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MILI	ES:			"			
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.7	≥1.4	ا≤	≥ 1/4	≥ >•	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	50.3 23.9	53.1 66.0	51.A	53.9 69.5	52.9 64.5			59.1 69.7	50 • 1 69 • 7	55 • 1 69 • 7	59.1 69.7	5° • 1 69 • 7	59.2 69.8	59.2 69.s	7 . u 7 . g 7 . g	59.5 59.6
≥ 18000 ≥ 16000	∈5.4 ∈5.1	69.3	69.7 63.1	69.5 59.7	63.5 63.7	69.5 69.7	6.0 6.0 6.0	69.7 69.9	59.7 59.4	69.7 69.9	69.7 69.5	69.7 69.7	69.3. 73.6	69.5 77.6	69.8 70.0	69.8
≥ 14000 ≥ 12000	= 5 • 4 £ 7 • 4	69.1 70.5	65.1 71.1	7 • 2 71 • 3	75.9 71.3	74.3 71.3	71.5	71.2 71.6	71.6	71.0	70.5 71.6	70.2 71.6	7° • 3 71 • 7	70.3 71.7	70.3 71.7	7u • 3 71 • 7
≥ 10000 ≥ 9000	75.6 73.5	74.1	74.~ 78.1	75.0 76.3	79.3		78.4	75.3 78.5	70.4	75.3 76.5	75.3 78.5	75.3 7c.5	75.4 72.6	75.4 78.6	75.4 78.6	75.4 75.5
≥ 8000 ≥ 7000	74 • 3 75 • 3	75.0 83.8	79.7 81.5	79.9	70.9 81.7	79.9 81.7	21.3	80.2 81.9	ت <b>ا</b> ءة	P1.2 B1.9	80.2 81.9	RL./ F1.,	კე.3 გე.1	20.3 52.1	80.3 82.1	35.1
≥ 6000 ≥ 5000	77.6	32.5 53.9	33.0 84.0	34.8	87.4 84.8		84.9	33.6 55.1	c5.1	93.6 95.1	63.5 65.1	83.6 85.1	83.7 85.2	65.2	87.7 65.2	83.7 55.2
≥ 4500 ≥ 4000	3 : 2 : <u>2 : 3</u>	95.4 58.1	85.1 88.7	25.3	89.0	89.0	29.1	86.5	89.1	96.5 89.0	86.5	96.5 89.2	89.3	86.6 89.3	89.3	89.0
≥ 3500 ≥ 3000	4 • 1 25 • 5	90.3	9	93.3	97.9	93.3	93.4	31.1 33.5		93.5	91.1 93.5	91 • 1 93 • 5	93.6	91.2 93.0	\$7.6	93.6
≥ 2500 ≥ 2000	56.3 7.3	94.9	94.3 95.6	96.E	94.5 96.0	96.C	96.2	96.3	96.3	94.5			96.4	96.4	76.4	76.4
≥ 1800	37.5 c7.5	95.3	96.2		96.4	96.4	96.7	96.8	98.0	96.5	96.5	96.3 95.3	96.9 96.9	96.9	95.9	96.9
≥ 1200 ≥ 1000	08.1	95.9 96.3	95.7 97.2	97.4	95.9	97.4	97.7	97.8	97.7	97.2	97.8 97.8		97.3 97.9	97.3 97.9	97.1 97.9	
≥ 900 ≥ 800 > 700	89.2 89.3	97.8	98.2	78.4 99.9	97.9 98.4	78.4 78.9	98.8	98.2	98.9	98.9 98.3	98.9	98 • 2 93 • 9 99 • 3	98.3 99.0	99.3	99.0	95.3
≥ 600	58 • 3	97.9		39	99.2	99.0	99.3	99.4		99.4			99.6	99.c	99.6	55.e
≥ 500 ≥ 400 ≥ 300	88.3 58.3	98.1	99.1	79.3	99.2		59.6	99.7	99.7	99.7		99.7	99.9	99.9		69.5
≥ 200	58.3 58.3	78.1	99.1 99.1	99.3	99.3	99.3	99.7	79.8	99.8	99.6	ڊ. وو	99.8	99.9	99.9		100.0
2 0	*3.7	90.1	99.1	99.3	5 9 . 3			69.8		99•€	99.8	99.8	99.9		1 (5.5)	133.8

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LIATE & SENSICLIPAL

## CEILING VERSUS VISIBILITY

AUNNELY SPACE CESTER FL

69-75,73-5

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST.	ATUTE MIL	ES						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.2	≥11.	≥1	≥ ¼	≥ %	≥ ′7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		53.5 57.0	54.1	57.6		= 4 • 4 5 7 • 5	54.5 67.9	₹4.6 60.0	54 • E	54.9 53.2	54.º 68.2	54.5 55.2	55.4 68.4	55. 68.4	55.1 68.6	62.7
≥ 18000 ≥ 16000	23.4	67.1 67.6	67.4	6 ? • 7	67.9 61.4	37.3 36.5	64.6	68.1 65.7	68.1 64.7	65.3 66.9	69.3	63.9	63.5 69.1	68.5 69.1	60.7 59.2	60.c
≥ 14000 ≥ 12000	55 • 9	37.5 75	7".	09 • 1 71 • 2	6°.3	07.3 71.4	39.5 71.6	69.5 71.6	71.	71.3	69.7 71.8	69.7 71.6	70.0 72.0	70.0 72.0	7. •1 72•2	72.3
≥ 10000	हरे. 75.1	73.7	74 • 1 76 • 1	74.4 76.4	76.6	74.6 76.6		74.9 76.9	74.7 76.0	75 • 1 77 • 1	75.1 77.1	75 • 1 77 • 1	75.3 77.3	75 • 3 77 • 3	75.4 77.4	75.6 77.6
≥ 8000 ≥ 7000	71.3 73.1	77.7	78.7 75.5	78.6	50.4		3 .6	79.1 97.6	79.1	79.2 31.3	79.2 88	9 3	79.5 31.1	79.5	79.6 81.2	79.8
≥ 6000 ≥ 5000	74.9 76.7	93.4	31.3 84.3	32.3	34.6	2 • 5	62 • 7 -4 • 8	62.8 94.9	52.5 34.5	83.c	83.1 85.1	83.C	83.2 85.3	≈3•2 ≈5•3	65.4	93.5 95.6
≥ 4500 ≥ 4000	73.1	35.2 87.3	87.9	38.3	88.6	30.4 ∂5.5	53.8 53.8	96.7	86.7	96.9 89.1	86.9 89.i	89.1	85.3	87.1 89.3	67.2 89.5	37.4 39.6
≥ 3500 ≥ 3000	1.3	85.5	91.4	9 . 5 91 . 5	97.1	92.1	91.1 92.4	97.5	41.1 92.5	91.3	91.3 52.7	92.7	92.9	91.6	91.7	91.9
≥ 2500 ≥ 2000	3 . 3	92.	$\overline{}$	93.1 54.8	92.4 95.1	93.4 35.2	97.7 95.4	°3•8	93.5 95.5	94.0	94.5	95.7	94.2	94.2	96.1	94.5
≥ 1800 ≥ 1500	63.9 64.0	93.5	94.0	75.1 95.3	5° 6	95.4 95.6	95.7 95.9	95.7 96.0	95.7 56.7	95.9	95.9 96.2	95.9	96.4	96.4	96.6	95.5
≥ 1200 ≥ 1000	्रम् स्याम्य	94.8	95.6	95.9 36.1	46.5		76 • 6 96 • 8	96.9	96.7	96.9	96.9	95.9 97.1	97.1	97.1	97.5	97.7
≥ 900 ≥ 800	64.5	95.5	9 . • 1 9 ć • 4	6.9 6.9	97.2	97.0	97.3	97.4	97.4 97.7	97.7	97.9	97.9	97.9	57.6 58.2	98.3	96.5
≥ 700 ≥ 600	54.6	95.9		97.5	97.8		97.9	98.5 98.3	98.U	98.6	98.5 98.6	95.6	98.5 98.8	98.5 98.8	98.7	93.3
≥ 500 ≥ 400	.4.5 .4.5	96.1	97.1	97 <b>.7</b>	93.2	98.1 98.2	78.5 98.6	98.5	98.9	93.8	98.8		99.1	99.3	99.2	99.4
≥ 300 ≥ 200	54.5 24.5	96.2	97.4	97.9			98.9	96.9	98.0	99.2	99.2	99.3	99.5	99.5 99.6	99.7 59.8	
≥ 100 ≥ 0	4.5	96•2 96•2	97.3 97.3	97.9		98.4	98.9	99.0	99.	99.3	99.3 99.3	99.3	99.6	\$9.0 \$9.0	99.8	1

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

AL SEIMATOLOGY MANCH CLEITAI F. GATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

N. N.MECH SPACE CENTER FL

(.-7",73-79

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG						-	VIS	BILITY (ST	ATUTE MIL	ES:	<del></del> -					
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥ ו 'י₂	≥1%	≥1	≥ ¾	≥ '⁄8	≥ ;	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	55.3 (2.1	59.1 65.6	50.c	65.4 06.8	c~•6 67•1	57.1	51.1 67.5	67.5		61.3	61.6 65.4	51.7 63.4	52 • 5 68 • 5	68.5	J2.4 68.8	52.8
≥ 18000 ≥ 16000	62.4 62.5	65.9 66.1	66.3 6 <u>•</u> 5	67.1 67.2	67.4 57.5	67.4 67.5	67.8 58.0	67.6 68.3	67.8 65.1	68.6 60.7		63.7 6°.5	63.9 63.9	68.9	59.1 69.2	69.6
≥ 14000 ≥ 12000	£3.7	66.6 65.3	65.7	67.7	68 • 1 64 • 9	69.9		75.4		69•2 71•3	71.4		67.5 71.5	69.5 71.5	_	
≥ 10000	67.4 72.0	71.1	71.5	72.4	72.7		73.2 76.5				77.4	77.4			74.6	70.3
≥ 8000 ≥ 7000	72.5	77.0			73.6	73.9	79.5		79.5	80.0 90.3	80.4		3 • 2 8 • 5	85.5	80.5 90.9	
≥ 6000 ≥ 5000	74.2 75.7		77.4 21.	:1 - 8		<u> : 2 • 2</u>		91.1 92.7	61.1 92.7		83.7				32.5 84.1	34.5
≥ 4500 ≥ 4000	77.1	84.0	52.0 84.4	83.3 85.3	85.6			34.2	86.1		87.1	87.1	65.3 07.2		5.7ع	50.1 F8.1
≥ 3500 ± 3000 ≥ 2500	1.5 -2.6	9 c • 5 2 7 • 7 2 c • 9		87.7 39.	89.1				89.5	89.5 9.3	99	91.9	89.7 91.0		90.0 91.3	₹1.7
≥ 2000	, <u>3</u> ,3	91.0	91.4	92.02 92.3	92.6	32.6	91.1 93.1	91.1	93.1 93.7	94.1	94.1	92.5 94.1 94.2	90.2 94.2 94.3		92.5 94.5 94.6	94.9
≥ 1500	4 4	92.2	92	93.5	94.5	94.1 94.5	94.6	94.6	94.6		55.6		95.7 96.1	1	36.5	96.5 56.0
2 1000	04.5	92.9	93.4	94.6	94.9	94.9 95.2		95.5	95.5 95.7	96.6	96.5	96.5		96.6		
≥ 800 ≥ 700	64.6	9 3 0 1 6 3 0 7	93.7	94.8	95.2			95.7	95.7	96.6			96 • 8 97 • C		97.1	97.5
≥ 600	34.3	73.5	94.1	95.3	95.6		96.1	96.1	96.1		97.1	97.1	97.2	97.2	97.5 99.6	
≥ 400	94.9 94.9	94.4	95.1	96.3	96.7 96.7	76.8	97.2	97.2	97.2	98.1	98.3	99.2	98.3	98.3	98.7	99.i.
≥ 100	34.9	94.7	9 - 4	96.7	97.0	97.1	97.3	98.3	97.8		98.8	98.8	99.0	59.5	99.4	99.4
ž 0	4 . 3	94.15	,	96.0	97.1		97.3		98 • C		- 1	98.9				

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CETMATCECCY PRANCH CHATE OF SERVICIVEND

### CEILING VERSUS VISIBILITY

SERNELLY PACE CENTER F. 10-76,73-79
STATION NAME
VENTS.

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ISTA	ATUTE MIL	ES:						
FEET	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥217	≥2	≥177	≥1%	≥1	≥ ئے	ه' ≤	≥ 5	≥5 16	≥.	≥0
NO CEILING ≥ 20000	.1.3 58.3	53.2 62.9	57. 64.5	57.2 64.8	67.6 65.3	57.6 65.3	58.5 66.1	58.7 66.3	53.7 66.2	59.7 67.3	59.7 67.3	57.7 67.3	6 8 • C	61 • 3 68 • 0	5°•9	71.4 69.5
≥ 18000 ≥ 16000	20 m 10 m 10 m	64.1 54.4	64.5 65.3	65.4 65.4	65.5 65.8	65.5 65.3	ნნ.3 ან.7	66.6 66.9	66.6 66.9	67.5 67.8	67.E	67.5 67.6	64.2 53.5	69.5	69.1	69.6
≥ 14000 ≥ 12000	· ( • 0	60.4 66.9	66.1 67.	66.3 67.4	56.8 67.8	66.8 67.8	67.6 03.7	67.8 68.9	67.8 68.9	50.8 69.9	68.8	68.8 69.9	υφ.5 70.5	69.5 70.5	70.0 71.1	71.5 71.6
≥ 10000 ≥ 9000	:2.3 :4.3	63.6 71.4	69.4 72.3	35.0 72.4	7: • C 72 • 8	73.5 72.8	75.9	71.1 73.9	71.1 73.9	72.i	72.1 74.8	72.0 74.8	72.7 75.5	72 <b>.7</b> 75 <b>.</b> 5	73.2 76.5	73.8 76.6
≥ 8000 ≥ 7000	67.3	73.9 74.4	74.	74.9 75.5	75.4 75.9	75.4 75.9	,	76.5 77.0	76.5 77.0	77.4 78.0	77.4 77.	77.4 73.	75 • 1 75 • 6	78 • 1 78 • 6	78.6 79.1	79.1 79.7
≥ 6000 ≥ 5000	53.9 57.9	75.2	75.9 78.6	76.2 73.9	76.7 79.4	76.7 77.4	77.5 80.2	77 • 7	77.7 90.4	76.7 81.4	78.7 61.4	78.7 81.4	79.4 02.0	79.4 82.3	79.9	33.1
≥ 4500 ≥ 4000	71.5 73.7	79.8	33.3	31.9 33.7	81.3	31.3 84.1	84.9	82.4 85.2	32.4 65.2	23.3 86.1	93.3 86.1	83.3 96.1	64.0 66.3	34.0 86.3	84.5 87.3	67.8
≥ 3500 ≥ 3000	75.0 76.7	₹5.9 85.6	86.6	97.1	87.4 38.2	57.4 88.2	!	38.5 39.2	38.5 89.2	89.5	89.5 90.2	89.5 91.2	90.1 90.9	90.1 90.9	90.6 91.4	91.9
≥ 2500 ≥ 2000	77.4	27.4 89.1	98 39	99.6 95.3	3 3 • C 9 C • 8	59.0 90.8	39.9 91.6	91.2	30.1 91.5		91.1 92.3	91.1 92.8		91.7 93.4	92.3 94.0	94.5
≥ 1800 ≥ 1500	79.3 79.6	39.2 90.5	91.	90.0 91.9	91.1	91.1	91.9	-	92.2 93.4		93.1	93.1 94.4		93.8	94.3	94.8
≥ 1200 ≥ 1000	78.5 78.6	95	91.6 91.7	92.3 92.4	92.8 92.9	92.3	93.7	94.0	93.9	1	94.8	94.8	95.5 95.6	95.5 95.6	96.1 96.1	°6.6
≥ 900 ≥ 800	73.6 73.6	91.2	92.3	92.7	93.2 93.4	93.2	, ,	94.3	94.3	95.3 95.5	95.3 95.5	95.3 95.5		95.3 96.1	96.5 95.7	97.L 91.2
≥ 700 ≥ 600	78.6 73.6	91.2	92.3 92.7	72.9	93.4	93.4		94.5	94.5	95.5 96.0	95.5 96.0	95.5 96.0	96.1	96.1 96.7	96.7 97.2	97.2
≥ 500 ≥ 400	78.6 78.9	91.8	92.9	93.5	94.7	94.7	95.1 95.7	95.3	95.3 96.	96.2 97.1	96.2 97.1	96.2 97.1	96.9 97.7	96.9 97.7	97.4 98.3	3.69 3.69
≥ 300 ≥ 200	79.0 79.0	92.8	93.9	34.5 34.8	95.1 95.4	95.1	96.0 96.3	96.3 96.7	96.7	97.4	97.4 97.7	97.4 97.7	98 • 2 93 • 6	98.2 98.6	98.7 99.1	99.2
≥ 100 ≥ 0	79.	93.1	94.2	74.8 94.8	9:.4 95.4			96.7 96.7	95.7 96.7	97.7 97.7	97.7 97.7	97.7 97.7		98.6 98.6	99.5 99.5	1

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC 108 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CO AL CLEMATULD, V 3-55CH SAMNESTVARE - SERVICE/MAC

## CEILING VERSUS VISIBILITY

NUNNECY SPACE CHATER FE

(5-7",73-19

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY /ST	ATUTE MILI	ES						
FEET '	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	217	≥1 •	≥۱	≥ ¼	≥ '₀	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	45.9 93.0	51	5 3	51•2 a0•8	51.8 61.4	01.5 61.4	52.3	52.1 62.3	32.7 c2.3	53.4 63.4	54.0 63.7	54.2 63.7	55.1 64.8	55.1 64.8	55.5 63.4	56.9 55.8
≥ 18000 ≥ 16000	03•d 24•2	61.6 61.1	61. 61.4	61.4 61.8	62.5	52.5 62.5	52.5 62.9	62.9 63.3	62.0 63.3	64.1 64.5	64.3	64.3 64.7	65.5 65.9	65.5 65.9	66.5	50.5 66.9
≥ 14000 ≥ 12000	55.4 56.7	62.6 64.0	63.5 64.3	53.3 64.7	64.7 65.4	64.3 35.4	64.4 65.8	64.6 66.2	64.3 66.3	66.1 67.5	67.7	66.3 67.7	67.5 65.9	67.5 63.9	68.1 69.5	35.5 69.9
≥ 10000 ≥ 9000	ა8•1 ა5•1	60.5	65.h	67.2 09.6	67•8 70•2	67.8 70.2	68.3 77.6	60.7 71.1	63.7 71.1	7 • 5 72 • 5	7° • 2 72 • 7	71 • 2 72 • 7	71.4 73.9	71.4 73.9	71.9 74.4	72.4 74.8
≥ 8000 ≥ 7000	1.3 2.3	70.9 71.6		71.4 72.6	72.0 73.2	72.5 73.2	72.5 73.7	72.9 74.1	72.9 74.1	74.3 75.5	74.5 75.7	74.5 75.7	75.7 76.9	75.7 76.9	76.2 77.4	76.7 77.8
≥ 6000 ≥ 5000	53.1 64.7	73.1 75.4	73.4 75.7	74 • 1 76 • 5	74.7 77.1	74.7 77.1	75.2 77.5	75.6 78.0	75.0 78.0	77.C	77.2 79.6	77.2 79.6	78.4 83.8	78.4 ~2.4	78.9 81.3	79.4 81.7
≥ 4500 ≥ 4000	65.4 o?.1	76.2 79.5	8 .	77.7 31.0	78.4 51.5	€1.6	78.8 82.0	79.2 32.5	79.2 32.5	£3.6 93.9	ĕ€•9 84•1	30.9 34.1	32.E	82.€ 85.3	62.4 65.0	23.5 90.4
≥ 3500 ≥ 3000	72.5 71.2	32.2 92.9	83.4	83•7 24•4	84.3 85.1	84.3 85.1	34.7 55.5	85.2 85.9	95.2 85.9	96.7 87.4	86.9 87.6	86.9 97.6	38.1 53.8	68.1 F8.8	38.6 89.4	89.1 85.2
≥ 2500 ≥ 2000	71.3 72.0	83 <b>.9</b> 84.8	85.5	35.4 36.5	86.7 27.1	85.8 87.1	36.5 87.6	86.9 38.1	86.0 83.1	86.4 89.6	39.6 89.6	36.6 89.8	89.8 91.3	89.8 91	93.3 91.5	91.8 91.9
≥ 1800 ≥ 1500	72.3	25.5 25.6	85.2	37 • 1 37 • 2	37.7 87.8		88.3 98.4	86.7 88.8	88.7 88.0	92 95.4	9]•4 9]•6	90.4 90.6	91.6 91.8	91.6 91.8	92.2 92.4	9
≥ 1200 ≥ 1000	72.4 72.4	35.5	87.2 89.1	88.2 89.L	89.1 9:.1	89.1 92.1	39.7 90.6	90.1 91.1	90.1 91.1	91.7 92.8	91.9 93.0	91.9 93.0	93.2 94.3	93.2 94.3	93.8 94.8	94.L 95.3
≥ 900 ≥ 800	72.4 72.6	27.6	88.7	99.1 39.7	7 • 2 9 : • 8		90.8 91.3	91.2 91.7	91.2 91.7	93.4	93.1 54.0	93.1 94.0	94.4	94.4	94.9 95.8	95.4
≥ 700 ≥ 600	72.7 72.7	87.8 88.0	89.	9( • 2 9( • 1	91.1 91.2	91.1 91.2	91.6	92.4	92.4	93.8 94.1	94.5	94.5 94.6	95.6 95.9	95.6 95.9	96.5	96.6
≥ 500 ≥ 400	72.7 12.7	88.3 8.88		95.5 91.4	91.8 93.0	91.3 93.1	92.7	94.4	93.1 94.4	96.1	95.4	95.4	96.7	96.7 98.1	97.2 93.6	97.E
≥ 300 ≥ 200	72.7	8.9	90.1 90.1	91.7 91.7	93.3	93.4	94.3	94.7	94.7 94.7	96.5 96.5	97.1	97.1 97.1	99.4	98.4 98.4	88°0	9.6 9.6
≥ 100 ≥ 0	72.7 72.1	88.8 85.8	9 · 1 9 · 1	91.7	93.3	73.4	94.3	94.7	94.7	76.5 96.5	97.1 97.1	97.1 97.1	98.4	48.4 58.4	99.2	}

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC FORM 0+14-5 (OL.A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

FORTH A SERVICEZAN.

1 30 MINNESY SPACE CENTER FL 03-70,73-70

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS 1 5 T

CEILING		-					VIS	BILITY (ST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 っ	≥ 2	≥1%	≥11/2	≥1	≥ 1⁄2	≥ '⁄a	≥ 7	≥ 5 16	≥ 4	≥0
NO CEILING ≥ 20000	11.5	53.9 62.5	54 • i	4 · 0	54.3 62.9	64.3 62.9	54.3 52.9	≈4.4 63.0	54.4 03.0	54.5 c3.1	54.5 63.1	54.5 63.1	54.7 63.3	54.7 63.3	54.7 63.3	54.7 63.3
≥ 18000 ≥ 16000	:9•4 LE•2	62.6 33.5	1 - 1	62.9 62.9	53.7 64.0		53.∩ 64.0	63.1 64.1	o?•1 54•1	63.2 64.2	53.2 64.2	63.2 64.2	64.4	63.4 64.4	63.4	63.4 64.4
≥ 14000 ≥ 12000	24 • 1	67.5	65.3	65.4 57.8	65.5 65.0	65.5 63.5	65.5 63.5	65.6 68.1	65.3 63.1	65.7 63.2	65.7 69.2	65.7 65.2	65.9 63.4	65.7 68.4	65.9 69.4	£5.9
≥ 10000 ≥ 9000	69.3	71.9	72.5	72.4		72.5 73.9	72.5 73.9	72.6 74.	72.6 74.	72.7	72.7 74.2	72.7	72.9 74.4	72.9 74.4	72.9	72.9 74.4
≥ 8000 ≥ 7000	76.1 75.9	75.8 76.8	71.	16.2 77.2	76.3 77.3	76.3 77.3	76.3 77.3	76.5 7 <b>7.</b> 4	76.5 77.4	76.7 77.6	76.7 77.6	76.7 77.6	76.9 77.8	76.9 7 <b>7.</b> 3	76.9 77.9	70.° 77.≿
≥ 6000 ≥ 5000	71.3 73.1	76.1 79.5	79.7	74.5	79.6 a.:	75.0	73.6 86.0	78.7 20.1	79.7	78.9 80.3	70.9 80.3	76.9 80.3	79 • 1	79.1 80.5	79.1 30.5	79.1 8 .5
≥ 4500 ≥ 4000	73.3	8 6 34 - L	8 .9 84 .3	81.1 34.5	91.2 34.6	31.2	01.2 24.6	21.3 24.7	41.3 84.7	81.5 84.9	81.5 84.9	81.5 84.9	81.7 85.2	81.7 35.2	81.7 85.2	81.7
≥ 3500 ≥ 3000	70.0 00.0	36.3 92.4	85.7 83.7	35.9 89.	37.0 3°.1	57.3 89.1	ყ <b>7.</b> ე მ9.1	87.1 89.2	89.2	67.3 89.5	87.3 89.5	87.3 89.5	87.5	87.5 89.7	27.5 29.7	27.5 89.7
≥ 2500 ≥ 2000	61.2 %2.2	90.5	89.7 90.9	29.7 91.4	89.8 91.5	39.8 31.5	89.8 71.5	39.9 91.7	29.9 91.7	9. •1 91•9	90.1 91.9	90.1 91.9	90.3 97.2	90.3 92.2	90.3	93.3 92.2
≥ 1800 ≥ 1500	72.4 42.4	91.5	91.7	91.3 92.5	91.9	91.9 92.6	91.9	92.2 92.8	92.5	92.4 93.0	92.4	92.4 93.3	92.6 93.2	92.6 93.2	92.6 93.2	92.6
≥ 1200 ≥ 1000	32.8 32.8	92.5	92.d 92.d	93.5	93.8 93.9	93.3 93.9	93.8	94.0 94.1	94.0	94.2 94.3	94.2	94.2	94.4	94.4 54.5	94.4	34.4 94.5
≥ 900 ≥ 800	2 3 • A	93.9	1 1	74.6 75.2	94.8 95.4	94.8 95.4	95.4	95.1 95.6	95.1 95.6	°5.3		95.3 96.0	95.5 96.2	9 <b>5.</b> 5	95.5 9 <b>6.</b> 2	96.5 96.5
≥ 700 ≥ 600	-5•1 33•1	94.1 94.4	94.4	95.4 95.0	95.6 96.2	°5•6 96•2	95.6 96.5	95.8 96.7	95.2 96.7	96.2 97.1	96.5 97.3	90.5		96.7 97.5	96.7 97.5	96.7
≥ 500 ≥ 400	:3.1	94.4 94.5	1	96.5	96.8 97.7	96.8	97.5 98.1	97.2 98.4	97.2 98.4	97.6 58.8	97.8 99.	97.8 99.0	98.1 99.2	98.1 99.2	98.1 99.2	96.1 99.7
≥ 300 ≥ 200	17.1	94.5 94.6	1 ' " '	97.5 97.5	96.0 7°.0	98.1 95.1	98.4 99.4	98.7 98.7	98.7 98.7	99.1 99.4	99.4	99.4	99.6 99.8	99.8	99.6	99.6
≥ 100 ≥ 0	7 • i	94.5	95.7 95.7	77.5 77.5		93.1 95.1	93.4 98.4		98.7 38.7	99.4		99.6 99.6		99.d 99.E	99.9 99.5	

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TO THE CLIMATOLUST PRANCH NO ASATES SERVICEMAL

## CEILING VERSUS VISIBILITY

1 OF RENNEDY SPACE CERTEN FL 554-75,73-19
STATION STATION HAME YEARS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST	ATUTE MIL	ES-						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥172	≩1'¥	≥1	≥ ‰	≥ ′,•	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	:1.: :3.7	72.03 54.2	52.1 64.2	52.2 64.2	53•2 64•2	.2.2 64.2	52.2 64.2	-2.2 64.2	52.7	32.0 64.2	32.3 64.2	52.2 64.2	52.2 64.2	52.2 64.3	-2.2 54.2	64.2
≥ 18000 ≥ 16000	64. 64.6	54.5 65.2	64.5 65.7	64.5 65.2	64.5 65.2	64.5 65.2	64.5 5'.2	64.5 65.2	64.5 65.2	64.5 65.2	64.5 65.2	64.5 65.4	64.5	54.5 65.2	64.5 65.2	£4.5
≥ 14000 ≥ 12000	-6•∃ -9•7	66.8	66.5 7	56.8 71.2	66.8 7 <sup>-</sup> .2	66.8 70.2	66.3 75.2	66.8 70.2	66.5 70.2	66 • c 7 . • 2	66.E	66.8	66.3 70.2	66.3 70.2	66.8 70.0	66.3 76.2
≥ 10000 ≥ 9000	73.0 74.1	74.1 75.9	74 • 1 75 • 9	74 • 1 75 • 9	74 • 1 75 • 9	74.1 75.9	74 • 1 75 • 9	74 • 1 75 • 9	74 • 1 75 • 9	74 • 1 75 • 9	74 • 1 75 • 9	74 • 1 75 • 9	74.1 75.9	74 • 1 75 • 9	74.1 75.9	74.1 75.5
≥ 8000 ≥ 7000	76.3 77.5	75.5	79.9	74.5 74.9	7°•5 79•9	73.5 79.9	73.5 79.9	78.5 79.9	73.5 79.5	78.5 79.9	7°•5 79•5	76.5 79.9	75.5 79.9	78.5 79.5	73.5 79.9	78.5
≥ 6000 ≥ 5000	79.1	91.5 93.1	81.5 83.1	31.5 83.1	81.5 63.1	31.5	31.5 83.1	81.5 23.1	31.5 23.1	31.5 83.1	81.5 83.1	81.5	81.5	\$1.5 83.1	81.5 83.1	51.b 93.1
≥ 4500 ≥ 4000	21.9 24.2	94.9	85.1 87.5	35.1 37.0	3° • 1 87 • 8	35.1	85.1 87.3	95.1 97.3	35.1 87.3	45.1 87.6	35•1 87•8	25.1 27.8	85.1 87.8	35.1 57.8	35.1 87.8	95.1 87.8
≥ 3500 ≥ 3000	ა5•6 ≘7•ა	92.0	89.4 92.	99.4 92.2	89.4 92.2	39.4 92.2	59.4 92.2	99.4	89.4 92.2	85.4 72.2	92.2	89.4 92.2	87.4 92.2	29.4 52.2	99.4 92.2	89.4
≥ 2500 ≥ 2000	38.7 84.5	92.4	92.5 95.1	72.7 95.2	92.7 95.3	92.7 95.3	92.7 35.3	92.7 95.3	92.7 95.3	92.7 95.3	92.7 95.3	92.7 95.3	92.7 95.3	92.7 95.3	97.7 95.3	92.7 95.3
≥ 1800 ≥ 1500	89.3 93.1	75.6	95.4	95.5 96.3	95.6 96.5	95.6 96.5	95.6 96.5	95.6 96.5	95.6 56.5	95•6 96•5	95.5 96.5	95.6 96.5	95.6 96.5	95.6 96.5	95.6 96.5	93.5 96.0
≥ 1200 ≥ 1000	50 • 1 60 • 1	76.3 76.5	97.1 97.5	97.2 97.3	97.3	97.3 97.4	97.3 97.4	97.3 97.4	97.3 97.4	97.3 97.4	97.3 97.4	97.3 97.4	97.3 97.4	97.3 97.4	97.3 97.4	97.3 97.4
≥ 900 ≥ 800	90.3 90.3	95.8 27.2	97.5	97.8 90.6	98.5 98.7	98.E 95.7	98.0 98.8	98.0 98.8	98.0 98.8	98.5 98.3	98.0 98.8	98.C 98.8	98.5 98.8	98.€ 98.∂	98.5 98.8	93.0 98.8
≥ 700 ≥ 600	90•3 90•6	77.3	98.9	95.9 99.5	99.7	99.7	59.1 59.8	99.1	99.1 99.8	99.1 99.5	99.1 99.8	99.1 99.8	99.1 165.6	99.1 100.5	99.1 100.0	99.1 173.6
≥ 500 ≥ 400	90.6 90.6	78.0	98.9	99.6 99.6	99.7	99.7	99.8 99.8	99.8	99.8	99.8 99.8	99.8 99.8	99.8	169.9 165.0	180.0 180.0	100.0 100.0	100.0 105.0
≥ 300 ≥ 200	90.4 90.6	98.0 98.0	96.9	79.6 79.6	99.7	39.7 39.7	99.8 99.8	99 8 99 8	99•3 99•3	99.8	99.8 99.6	99.8	130.0 130.0	150.0 160.0	100.0 100.0	າດີພະບີ 133.ຍ
≥ 100 ≥ 0	91.6 91.6	98.J	93.9	39.6	99.7	79.7	99.3	79•8 99•8	99.8 99.8	99.3	99.8 99.8		160.0 160.0	100.0	1.0.0 1.00.0	116.5 16 <u>3.6</u>

TOTAL NUMBER OF OBSERVATIONS\_

CONTRACTOR SERVICENTAL OF CONTRACTOR CONTRAC

## CEILING VERSUS VISIBILITY

STATION STATION NAME (5-75, 73-79)

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MIL	E5						
-FEET-	≥10	≥6	≥ 5	≥4	≥ 3	≥2 7	≥ 2	≥1%	≥1%	≥1	≥ ⅓	≥ '⁄a	≥ %	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	: 7 . 7 c 6 . 5	54.7 67.4	54. 67.4	54.5 67.4		-4.3 67.4	34.0 67.5	°4.0 67.5		54.0 67.5	54.0 67.5	54.0 67.5	54.1 67.6	£4.1 £7.6		54.0 67.7
≥ 18000 ≥ 16000	57.1 c7.3	69.7 68.2	68 • 7	60 • c 60 • 2	61.0 62.2	53.2	68 • 1 58 • 3	65.1 65.3	60 • 1 60 • 3	60 • 1 60 • 3	69.1 69.3	60.1 60.3	68.2	68.2 68.4		66.3 66.5
≥ 14000 ≥ 12000	29.3 73.4	69.1 71.6		69.1 71.6	6°•1			69.2 71.7	71.7	69.2 71.7	09.5 71.7	69.2 71.7	69.4 71.8	69.4 71.5	71.8	71.9
≥ 10000	75 • 2 76 • 3	76.9 78.9	78.9	76.9 79.3	76.9 77.0	79.0	77.1	77.0 79.1	77.5	77.1	77.′ 79.1	77.0 79.1	77•1 79•2	77.1 79.2	79.2	77.2
≥ 8000 ≥ 7000	79.9	84.3 84.3		32.05 43.00	63.0	83.0	82.6 83.1	32.6 33.1	83.1	82.6 83.1	82.6 83.1	92.6 97.1	83.7 83.2	32.7 83.2	82.7 63.2	97.0
≥ 6000 ≥ 5000	21.3	94.4 33.5	34.5 85.9	34.6 35.3	30.3	36.€	34.7 36.1	34.7 86.1	84.7 85.1	24.7	84.7 86.1	84.7	84.8	84.3	95.2	94.9 83.3
≥ 4500 ≥ 4000	73.1 75.2	97.4 89.6	89.7	97.8 97.1	9.2	38.0		38.2 93.4	90.4	88.2 90.4	58.2 90.4	90.4	88.3 9€.5	90.5		99.4
≥ 3500 ≥ 3000	57.1 59.6	91.8	94.	92 · 4	92.5	94.7	52.7 54.9	94.9		92.7	52.7 94.9	92.7	92.8 95.1	92.5	92.±	92.9
≥ 2500 ≥ 2000	89.5	94.9	96.5	95.6 97.0	97.2	97.2	96.7	96.0	97.4	97.4		96.	96.1	96.1	96.1	96.2
≥ 1800 ≥ 1500	57.9	90.3	96.6	37.1 97.4	97.7	97.7	97.6 98.0	97.6 98.0	98.0	97.6 98.0	98•	97.6 98.0	97.7 98.1	97.7	97.7 98.1	97.8
≥ 1200 ≥ 1000	89.9 89.9	97.3	97.3	97.2 98.1	93.4	93.4	98.5 98.7	98.5	98.7	96.5	98.5	98.7	58.6 98.8	98.5 98.5		96.9
≥ 900 ≥ 800	89.9 89.9	97.4			93.5	98.5		98.7 98.8		98.7 98.9			96.9	98.9	98.9	99.9
≥ 700 ≥ 600	89.9 89.9	97.8	98.2	98.5 95.8	99.2	99.2	99.1 99.6	99.1					99.2 99.7	_	59.7 59.7	99.4 99.6
≥ 500 ≥ 400	30.7	97.8 97.8	98.3	98.9	99.5	99.5	99.7	99.7		99.7 99.8	99.8			99.9	<del></del>	59.9 1::::
≥ 300 ≥ 200	89.9	97.8	98.5	97.0	39.5	99.5	99.8 99.8	99.8	99.5	99.8	99.3	99.2	99.9	69.6	99.9	1:0.0
≥ 100 ≥ 0	87.7	97.8 97.9		99.0	99.5		99.8 99.3	99.8		99.3		99.6 99.6	99.9			1

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TO AL BEIMATOLOGY PRANCH TO AFETAC 47 AFATHER SERVICIANAC

## CEILING VERSUS VISIBILITY

1 5. AL NAEDY SPACE CENTER FL 58-70,73-79

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				_			VIS	IBILITY IST	ATUTE MIL	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 2	2.2	≥17	≥1'₄	≥1	≥ 1/4	≥	≥ ′2	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	ა6.° ა5.7	97.9 67.3	57.°	57.9 67.5	67.7	54.5 67.7	53.C	58.C	52.0 67.7	50.0 57.7	57.7	58.0 67.7	50.1 67.8	58.1 67.8	55.1 67.0	50.1 £7.8
≥ 18000 ≥ 16000	65.c	67.5	67.6 68.2	67.6	67.8	67.8	67.8	67.8	57.5 63.4	67.8	57.8 65.4	67.8	67.9	67.5	67.9	67.5
≥ 14000 ≥ 12000	69.7	69.1	69.7	57.2	69.4	69.4	39.4	59.4 72.0	50.4	60.4	69.4	69.4	68.5 69.5	69.5	63.5	60.5
≥ 10000 ≥ 9000	73.2	75.4 77.6	75.5	75.0	75.9	72.0	72.5	75.9	75.5	72.0	75.9		72.1	76.	72.1	72.1 70.L
≥ 8000 ≥ 7000	74.7 75.4 77.0	79.8	80.1 80.1	77.6 30.2	30.5	30.5	13.1 20.5	78.1	72.1	75.1 81.5	78.2 80.c	8 6	72.4 33.8	a2.3	90.4	88
≥ 6000 ≥ 5000	79.1	3J.7 83.2	83.4	31.0	81.4 63.8	33.8	83.8	21.4 33.5	31.4	81.4 63.3	83.0	83.9	84.2	81.7 64.2	81.7	51.7
≥ 4500 ≥ 4000	2.2.3	35.3 67.3	35.6 87.5	37.6	86.C £8.1	96.0 98.1	88.1	36.C	88.1	86.0	88.3	88.3	86.3	28.5	26.3 38.5	79.5
≥ 3500 ≥ 3000	26.2	92.5	97.1	9. • 2	93.5	93.5 33.5	90.7 93.5	98.7	93.5	90.7 93.5	90.6 93.6	93.6	91.1	93.9	91.1 93.9	91.1
≥ 2500 ≥ 2000	67.9	93.9	94.7	95.3	95.9	95.0	95.0 95.9	95.9	95.9	95.9	95.2 96.	95.2	95.4 96.2	95.4	95.4 96.2	96.2
≥ 1800 ≥ 1500	18.3	90.1	96.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4 97.4	97.5 97.5	97.5 97.5	97.7	97.7	97.7 97.7	97.7 97.7
≥ 1200	28.7 28.7	96.6	97.4	97.4	98 • 1 98 • 4	98.1 93.4	98.1 98.4	98.4 98.4	98.4	98.1 96.4	98.2 98.5	98.5	98.4	98.4	98.4 98.7	92.4
≥ 1000	:8.7	97.2	97.6	97.8	98.6 99.6	78.6 98.6	98.5	98.6	98.6	98.6 93.6	98.7	98.7	93.9	98.9	58.9 38.9	96.9
≥ 800	. 3.7 . 8.7	97.6	99.1	98.3	99.1	99.J	99.0	99.L	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4
≥ 600	58.7	98.0	90.4	78.6 53.8	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7
≥ 400	:3.7 88.7	98.1 98.1	98.5	98.8	99.6	99.6	99.6	99.6		99.6	99.7		99.9	99.9	99.9	99.5
≥ 200	£8.7	93.1	98.6	98.8	99.6		99.6	99.6			99.7	99.7	99.9	99.9	99.9 11.0.0	74.5
ž 100 ž 0	22.7	38.1	99.6	98.8	94.6	1	99.5	99.6			- 1				1	

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LL AE SETAITGESTY RAIGH STAILTAS FIRE ATA SERVICIVANS

## CEILING VERSUS VISIBILITY

KENNELY SPACE CENTER FL

6-70,13-79

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21.5-2310 HOURS (ST

CEILING							VIS	BILITY ST	ATUTE MILI	ES-						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.2	≥1%	≥1	≥ ⅓	≥ '20	≥ ⁄7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	57.3 54.6	67.	67.7	67.7	6 . 4	55.9 65.4	ଧର • ବ ରେ • ୩	60.9 68.4	60°4	66.4	60.4	5ა., ნა.4	ა1.2 63.6	(1.2 (3.6	68.6	54.4 67.8
≥ 18000	.4.8 05.	67.4	67.7 67.7	57.7 58.2	58.4 58.8		62.4 69.8	€5.4 68.8	€8.4 €8.8	60•4 6∂•3	69.5	60.4 61.8	ნ:•5 ა9•?	68.3 69.1	68.5 59.0	6- • 8 5 9 • 3
≥ 14000 ≥ 12000	ເ5.d ປປ.ໄ	53.2 71.0		64.9 71.7	5° • 6		69.6 72.4	69.6 72.4	69.6 72.4	69.6 72.5	69.6 72.5	69.6 72.5	57.8 72.8	59.3 72.3	69.8 72.€	7. • c 73.0
≥ 10000	71.5 /3.4	74.8	77.7	75.5 78.1	76.2	76 • 2 78 • 9	76.2 79.9	76.2 78.3	76.2 73.9	76.3 79.0	76 • 3 79 • "	76.3 79.5	76.6	76 • 6 اذ • 79	76.6 79.3	76.6 79.5
≥ 8000 ≥ 7000	74.5 75.3	79.3 30.3	79.6 85.4	90.2 30.9	81.7	80.9 31.7	81.9 81.7	80.9 21.7	5 9 31.7	81.5	81.7 21.8	81.8	51.3 82.1	21.3 22.1	81.3 82.1	32.3
≥ 6000 ≥ 5000	76.8 76.7	81.9 84.J	82.4 84.4	82.7 84.9	83.5 85.7	35.7	33.5 7.25	23.5 85.7	53.5 85.7	85.3	82.6 35.	93.6 35.8	83.9 24.1	83.9 86.1	37.9 36.1	50.7
≥ 4500 ≥ 4000	32.3	²6.2 ?ċ.α	84.	27.1 33.5	57.8 9 .4		87.3 97.4	87.3 90.4	37.8 90.4	87.9 90.5	87.0 90.5	87.9 93.5	95.8	28.2 90.c	48.2 90.6	91.0
≥ 3500 ≥ 3000	23.7 85.3	92.7	91.5	93.0		94.5	92.9	92.9 94.5	92.9 94.5	93.3	93.0 94.6	93.0 94.6	93 <b>.3</b>	93.3 94.9	93.3	93.5
≥ 2500 ≥ 2000	35.4 55.4	93.3	93.9		95.4 96.0		95.4 96.0	95.4 96.0	95.4 96.	95.5	95.5 96.1	95.5	95.8 96.4	95.3 96.4	95.8 96.4	
≥ 1800 ≥ 1500	.5.	94.1	94.4	95.4			96.3	<sup>0</sup> 6.1	96 • 1 96 • 3	96.4	96.4	96.4	96.5 96.3	96.5	96.8	97.2
≥ 1200	36	94.7		96.1 96.2	97.0		97.0 97.2	97.0	97.2	97.1	97.1 97.3	97.1 97.3	97.6	97.4		97.8
≥ 900 ≥ 800	-6 · 7	95.0 95.0	95.6 95.6	36.3 96.3	97.3 97.3	97.3	97.3 97.3	97.3 97.3	97.3 97.6	97.4 97.4	97.4 97.4 97.7	97.4 97.4	97.7 97.7 98.1	97.7 97.7	97.7 57.7	98.5
≥ 700 ≥ 600 > 500	76.	96 • 1 96 • 2	96.9	97.5	98.5	93.5	98.5 98.8	98.5 98.8	98.5 98.5	98.9	98.6	98.6	98.9	98.9 98.9	98.9 98.9	96.2 99.1
≥ 500 ≥ 400 ≥ 300	6	95.2 95.2	-	78.C	98.9	98.9	98.9	98.9	98.9	99.	99.	99.0	99.4	99.4	99.5	99.7
≥ 200	16 3	96.5	97.1	73.3 73.3	99.2	99.2	99.2 39.2	49.2	99.2	99.4	99.4	99.4	99.7	99.7	99.8	1
≥ 100	-6.3	96.5		78.3			43.5	29.2	99.2 99.2	99.4	90.4	99.4	-	59.7	99.8 99.8	1 1 0 • 0 1 1 0 • 0

TOTAL NUMBER OF OBSERVATIONS\_

9.2

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS IST

CEILING							VIS	BILITY (ST	ATUTE MIL	E5						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥17	≥1.	≥1	≥ ;₄	≥ 'ı	≥ :	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		55.4 64.7	55.7 65.5	55.9 65.2	5 i • 2 5 i • 5	55.2 53.5	1 . 5	56.5 (5.9	56.5 35.2	66.2	56.3	56.7 60.3	57.2 66.5	€7.7 66.0	57.4 55.0	57.c
≥ 18000 ≥ 16000	61.9 52.4	65.5	a: • ? 65•>	65.5 €6.0	67.8 61.3	55.3 66.3	66.5	66.6	36.1 36.6	66.5 67.0	66.4 67.4	67.5	65.9 57.4	50.9 67.4	67.1 57.5	67.5 67.7
≥ 14000 ≥ 12000	4 د د د 5 • 5 د	66.5 68.5	66.9 69.1	67.1 69.4	67.4 67.7	69.7	69.0	67.7 74.0	67.7 7^.0	68 • 1 75 • 4	68.7 70.5	6 3 • 2 7 • • 5		68.5 70.5	62.6 71.0	71.2
≥ 10000 ≥ 9000	50.5 70.1	72.4	72.7	73 75.3	75.6		75.3	73.6 75.9	75.9	74.0 76.4		74.5 76.4			74.0 75.9	
≥ 8000 ≥ 7000	72.1	77.1	77.4	77.8 70.6	7c • 1		79.2	78.4	70.2	7と・9 <b>7</b> 9・7		79.5		79.7	79.4	79.7
≥ 6000 ≥ 5000	14 • 2 75 • 7	79.5	79.8 81.7	30.2 32.1	80.5 82.4	-2-4	32.7	56.8 52.8	<b>ક</b> ટ.≎	3,3 • 2	83.3	23.3		31.7 3.5	61.7 83.5	7 Z • 1
≥ 4500 ≥ 4000	77. 79.1	63.1 85.7	S 2 • 4 8 5 • 1	33.8	34.2		87.1	64.5 27.2				85.7	65.4 69.1	:5.4 !8.1	35.E	: • o
≥ 3500 ≥ 3000	12.4	68.5 69.8	97.1	9 . 6	37.4	89.4 <u>91.0</u>	91.3	29.7		31.3	91.0				92.4	7.05
≥ 2500 ≥ 2000	53.7 53.7	93.5	91.	91.5 93.1	91.c 33.5	93.5	93.7	92.2		94.3	97.0	92.5	93.1 94.7	3.1	93.3	ا و د و
≥ 1800	3.7	92.9	92.7		97.7 54.4	94.4	34.7	94.8	94.1	94.6	95.3	95.3		95 • 95 • 7		06.1
≥ 1200 ≥ 1000	-4 • 1 :4 • 1	93.4	94.0	74.5	95.4		<del></del>	75.5		96.3		96.4	96.4	96.4		97.1
≥ 900 ≥ 800	-4.2	94.1	94.5	75.2 95.5 95.7	96.0	96.5		96.4	96 • 1 96 • 4	96.5	96.6 97.0	96.6 97.6	97.4 97.4	97.4 97.4	97.6	97.4
≥ 700 ≥ 600	24 • 3 24 • 3	94.7	95.4	46.3	96.7 96.7	96.3 96.7		97.5	96.7 97.2 97.6	97.7 97.7	97.5	97.8	98.2 98.6	98.2	37.8 98.4 98.8	91.6 99.5
≥ 500 ≥ 400	54 • 4 54 • 4	95.1	95.1	96.8	97.5	97.5	37.9	98	98 · :	96.5	98.7	90.2 92.7 93.9	99.1	99.1		69.5
≥ 300 ≥ 200	54.4 54.4	95.2	96.1	77.1 77.1	97.7	27.7	99.1	98.3		90.3 98.9	96.	99.7	99.2 99.4 99.4	59.4 59.4	99.4	99.5 39.9
≥ 100 ≥ 0	24 • 4	95•2	96 · i	97.1	97.7		93.2	78.3		90.9		99.	59.4		69.7	, .

TOTAL NUMBER OF OBSERVATIONS 743

USAF ETAC 101.64 0-14-5 (O.L.A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

**CEILING VERSUS VISIBILITY** 

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥1:7	≥1'₄	≥1	≥ ¼	≥ `•	≥ :	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	/•1	3.2 72.3	72.7	77.69	51.7	30.5 73.1	55.3 73.1	35.9 73.2	55.7 73.2	56. 73.3	56. 73.4	50 73.3	3:.2	56.3 73.5	73.	73.5
≥ 18000 ≥ 16000	د ع د ع د ه د ت	7a 73.3	72.7	73.2 73.9	71•3 74•0	73.3	73.4 74.1	73.5 74.2	77. 74.7	72.6 74.3	72 74.3	71.6 74.2	73.7 74.5	73.7 74.5	73.0 74.6	74.5
≥ 14000 ≥ 12000	12.3	74.7	75.5 7°.1	75 • € 7c • ∑	75.7 75	75.7 7:.5	75.8 78.6	75.9 75.6	75 • ° 7 • • °	76 •0 71 •s	76.1 75.8	75.6 75.6	76.1 74.9	76.1 78.4	75.7 75.1	79.1 79.1
≥ 10000 ≥ 9000	75 • 3 76 • 3	3 <b>.</b> q	51.3 33.4	11.0 43.0	ol•9 33•8	91.8 23.8	31.9 33.9	54 · .	41.1 14.1	91 • 1 34 • 1	50.1 34.1	82.1 84.1	93.2 24.3	42 · .:	2.3	52.4 34.4
≥ 8000 ≥ 7000	7°•5	74.5	95. 35.7	35.3 35.0	36.4 36.2		35.5 36.3	-5.6 -6.4	35.6 35.4	20.5	55.5 86.5	85.8 86.5	35.9 36.7	35.9 86.7		€5.8
≥ 6000 ≥ 5000	79.4 _53.4	20.4 27.6		?7•1 :-•4	57.3		37.4 92.7		â8 <b>.</b> 5	67.6 50.9	88.9	27.0 92.9	39.1	87.5 39.1	27.9 29.2	29
≥ 4500 ≥ 4000	1.5	3	85.5	71.2	90.0 91.4	71.4	70.2 71.6	91.6		c : . 4	91.	90.4 91.5	91.9	91 • 2	57.5	C
≥ 3500 ≥ 3000	.3.G	91.3 92.9	92.4 93.5	92 <b>.7</b> 93 <b>.</b> 8	94.1	94.1	93.1 94.2	94.3	94.3	۶۵.3 ۹4.4	94.4	93.3	93.4 94.6	63.4 94.6	93.5 94.7	03.€ 04.5
≥ 2500 ≥ 2000	5.1	93.7	95.7	94.7 76.1	95.1 96.4					95.4 56.9	96.:	95.4	95.5 97.0	95.5 97.1	95.6 97.1	95.1 97.2
≥ 1800 ≥ 1500	.5.9 .6.1	75.3 C5.6	96.4	76.4 96.3	96.7		96.9 97.4	97.4	$\overline{}$	97.2 97.6	97.6	97.2 97.6		97.9	97.4 97.9	97.5 Cb.
≥ 1200 ≥ 1000	6 . 3	96.0	97.	97.3	91.8	97.8		98.1	97.9	98.1	$\overline{}$	98.1 98.3	98 • 2 93 • 5		98.6	92.4 53.6
≥ 900 ≥ 800	16 • 4 - 6 • 4	96.3	97.1				98.4			98.5 98.7		93.5 98.7			98.7	79.
≥ 700 ≥ 600	36.5 26.5	96.7		97.9	93.3	≎ଉ.5		98.8		98.8	99.7	98.8			59.1	99.1 99.4
≥ 500 ≥ 400	16.3	-6.9	97.7	98.2	98.6 98.8	90.8		99.0	99.1	99.4	99.4	99.2				
≥ 300 ≥ 200	. 6 • 5	96.9 96.9			93.9		99.1	99.2	99.2	99.5	99.5	99.5	99.7	59.7 59.7	79.5	
≥ 100 ≥ 0	6.	96.9 96.3	97.3 97.8	98•4 9.•4	92.9	93.9 93.9	99.1 99.1	99.2	99.3 99.3	99.5 99.5	99.5 99.5	99.5 99.5	99.7	99.7 99.7	99.9	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 3762

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

#### TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCALLERE .

BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT 1 IP TO

TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

UVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

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GLCRAL CLIMATOLOGY BRANCH GSAFÉTAC AIR \*EATHER SERVICE/MAC

### **SKY COVER**

12096	KENNEDY SPACE CENTER FL	69-70,73-80	JAN
5, 4 . ON	STATION NAME	PE8/OD	Mr.yaTH

MONTH	HOURS		PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER								MEAN	TOTAL NO OF		
A.O.I.	(LST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS OF
JAN	10-02	23.8			29.5						16.8	25.9	5.0	925
	C3-C5	29.4			27.9						15.2	27.5	5.0	924
	^6-C8	14.3			33.1						24.9	27.8	6.0	925
	79-11	11.4			30.8						27.5	32.3	6.4	930
	12-14	7.6			32.5						27.5	32.4	6.7	930
	15-17	8.2			34.0		-		i		27.7	30.1	6.5	930
	1 = 20	15.5			32.3						22.2	30.1	6.0	930
	21-23	23.7			37.02						19.2	26.9	5 • 3	930
														,
				ļ										
	-													
101	TALS	17.4	<del></del>		31.2						22.6	28.9	5.9	7424

	508M										
USAFETAC	JUL 64	0.9.5	(OL A)	PREVIOUS EDIT	IONS OF THIS FO	RM ARE OBSOLET	€.				
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ì			-		•						

CLERAL CLIMATOLOGY BRANCH URAFETAC AIR MEATHER SERVICE/MAC

### **SKY COVER**

12586	KENNEDY SPACE CENTER FL	69-70,73-80	FEB
STAT UN	STATION NAME	PERIOD	MONTH

MONTH	HOURS		PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											
MONTH	(L S T 1	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO OF
FES	6-02	35.2			24.7						15.2	24.6	4.6	346
	C3-C5	32.7			21.7		<u> </u>				19.5	26.0	5.₽	84
	^c-G8	18.4			29.9						22.2	29.6	5.9	841
	·· 9 - 1 1	15.6			29.3						22.6	32.4	6.2	845
	12-14	12.1			33.9						23.9	30.1	6.2	846
	15-17	13.5			33.0			<del> </del>	<del> </del>		24.2	29.3	6.1	846
	10-29	20.4			27.5						21.7	32.3	5.8	340
	1-23	33.7			23.0						17.1	26.1	4.8	846
	1													
	·•							-	-	ļ	<del> </del>			
											<del></del>			
TO	TALS	22.7	<del></del> -		27.9			-			20.8	28.6	5.6	676

USAFETAC	FORM JUL 64 0-9-5 (OL A)	PREVIOUS EDITIONS OF THIS FO	IRM ARE OBSOLETE.		
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SLCAAL CLIMATOLOGY BRANCH USAFETAC AIN MEATHER SERVICE/MAC

### **SKY COVER**

12386	KENNEDY	SPACE	CENTER	FL

69-70,73-80

MAR

STATION NAME

PERIOD

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
MAR	UC-02	31.5			25.8						18.8	24.	4.9	928
	3-05	26.8			31.2						18.5	23.4	4.9	922
	^6-C8	12.8	_		30.6						28.0	28.6	6.3	919
	0 9 - 1 1	11.1			32.8			-			28.6	27.5	6.3	930
	12-14	6.2	-		38.1						27.5	28.2	6.4	930
	15-17	9.1			38.5		<b></b>				24.5	27.8	6.1	936
	15-25	15.9			34.7						22.2	27.2	5.8	930
	71-23	31.5			29.5						16.9	23.1	4.7	930
	<del>.</del>		_	<del> </del>										
	:													
												-		
10	OTALS	18.1			32.5			-			23.1	26.2	5.7	7419

USAFETAC	FORM JUL 64	0-9-5 (C	OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.	
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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **SKY COVER**

12886 KENNEDY SPACE CENTER	F
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69-70,73-80

APR

STATION

STATION NAME

PERIOD

MONTH

	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	SKY COVER				MEAN I	NO OF OBS
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	
ΔPR	10-02	35.8			23.6						17.7	18.0	4.2	900
	-3-C5	33.8	<del></del>		31.4		- <del></del> -	-	-		17.2	17.6	4.2	900
	6-C8	19.9			36.5						25.3	18.3	5.2	894
	r9-11	13.3			43.7						25.3	17.7	5.4	900
	12-14	11.6			44.3						24.6	19.6	5.5	90
	15-17	13.8			41.4			1			24.6	20.2	5.5	900
	1 à - 2 C	19.7	- <del></del> ·		38.9			-			22.9	18.5	5.1	899
	21-23	34.6			33.3		1				15.2	16.9	4 • 1	900
	•										ļ	<b></b>		
					-									<del> </del>
	TALS	22.8			37.3						21.6	18.4	4.9	719

)	USAFETAC	FORM JUL 64	0-9-5 (OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.	 
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GLORAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

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### **SKY COVER**

17396 KENNEDY SPACE CENTER PL

STATION NAME

69-70,73-80

PERIOD

YAM

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER	•			MEAN TENTHS OF	TOTAL
WO WITH	ILST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO OF
MAY	-C2	28.0			36.3						18.1	17.7	4.5	92
	03-05	25.8			37.7						22.4	14.1	4.6	93
	83-07	10.8			33.2						31.0	20.1	5.9	92
-	79-11	5.2			43.0						29.2	22.5	6.2	92
	12-14	4.5			41.8						29.5	24.2	6.3	93
	15-17	6.7			39.4	<del></del>		ļ — — —	<u> </u>		27.4	26.5	6.3	92
	18-20	4.9			36.3			<u> </u>			27.2	27.5	6 • 3	93
	1-23	22.9			30.2						22.8	24.1	5.4	93
	+													
						····								
ro	TALS	14.1			37.9	<del></del>		<del> </del>	<b>—</b>	<del>                                     </del>	26.0	22.1	5.7	742

		FORM JUL 64	0-9-5	(OL A)	PREVIOUS E	DITIONS OF T	HIS FORM ARE	OBSOLETE.				
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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

### **SKY COVER**

12886 KENNEDY SPACE CENTER FL

69-70,73-80

JUN

STATION STATION NAME

\_\_\_\_\_\_

MONTH

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	L SKY COVER			-	MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JLN	:C-S2	20.7			35.6						24.7	19.1	5.2	900
	-3-C5	19.9			43.7						26.9	15.6	4.7	900
	ro-08	8.6			47.9					-	30.5	20.0	6.0	899
	79-11	2.7			46.0		ļ	.! .!			32.3	19.	5.2	900
	12-14	.9	*		44.9						32.6	21.7	6.4	900
	15-17	2.7		-	36.7				<del>                                     </del>		32.8	27.9	6.8	900
	18-20	4.8		-	28.9						29.8	36.5	7.2	899
	21-23	11.3			31.6						25.7	31.4	6.4	899
											-			
<del></del>	<u> </u>										-			
10	TALS	9.0	<del></del> :		38.5						28.7	23.9	6 - 1	7197

USAFETAC	FORM JUL 64	0-9-5	(OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.
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CLCRAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **SKY COVER**

17886	KENNEDY SPACE CENTER FL	69-70,73-80	JUL
S'ATION	STATION NAME	PERIOD	MONTH

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MUNIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JUL	^C-02	18.5			41.4						23.5	16.6	5.0	929
	03-05	19.7		-	45.3						23.8	11.2	4.6	929
	-6-G8	5.7		ļ	40.3						36.7	17.3	6.2	929
	79-11	2.4			39.2			1			37.4	21.1	5.6	929
	12-14	• 3			32.7						42.9	24.1	7.3	930
	15-17	•6		<del> </del>	31.1					<del> </del>	37.6	30.6	7.4	930
	18-20	1.□	<del></del>	<del> </del>	28.9						31.9	38.2	7.6	930
	21-23	ð•1			35.8						29.6	26.6	6.4	930
	-							ļ						
	<u> </u>			+				1						
							-	-						
10	TALS	7.0			36.8						32.9	23.2	6.4	7436

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.	

GLCPAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

**SKY COVER** 

12886 KENNEDY SPACE CENTER FL

69-70,73-80

AUG

STATION

STATION NAME

PERIOD

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
ALG	-C2	16.4			46.9						22.5	14.2	4.9	928
	03-05	17.3			51.0		-				20.2	11.5	4.5	92
	C6-C8	2.6			52.5						30.6	14.3	5.8	930
	F9-11	1.0	-		48.8						35.4	14.8	6.1	930
••	12-14	•5			43.4	-		<del> </del>			37.C	19.1	6.5	929
	15-17	-8			39.2						35.2	24.8	6.8	930
	18-20	1.4		-	37.6						30.8	30.2	6.9	929
	21-23	10.7			40.0						25.2	24.1	5.9	92
	+													
											-			
								<del>                                     </del>						
70	TALS	6.3		<u> </u>	44.9						29.6	19.1	5.9	743

USAFFTAC	FORM	0.9.5 (6	OI 43	BREVIOUS EDITIONS OF THIS FORM ARE ORGOISTS

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GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **SKY COVER**

12886	KENNEDY SPACE CENTER FL	69-76,73-80	SEP
S'A'ION	STATION NAME	PERIOD	MONTH

MONTH	HOURS (LST.)				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	L SKY COVER	•			MEAN TENTHS OF	TOTAL NO OF
MONIN	(L S T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO OF
SEP	00-02	11.0			44.0						25.2	19.8	5 • 6	900
	3-05	11.9			5~.2					<u> </u>	22.2	15.7	5.1	900
	C6-C8	2.0			49.7						31.4	16.9	6.0	900
•	09-11	• 2			45.4				-		37.7	16.7	6.4	900
	12-14	• 1			40.4					ļ	41.0	18.5	6.8	899
	15-17	1.0			34.9			<u> </u>			39.4	24.7	7.1	900
	18-20	2.4			34.9			<del></del>			25.6	37.1	7.1	900
	21-23	9.3			38.6						21.8	31.3	6.3	900
	-									-	ļ			
	-							-		<u> </u>	ļ	<u> </u>		
	-		-						-					
TO	TALS	4.6			42.3			<del> </del>			30.5	22.6	6.3	7199

USAFETAC	FORM JUL 64	0-9-5	(OL A)	PREVIOUS EDITIONS	OF THIS FORM ARE	OBSOLETE:				
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GLCBAL CLIMATOLOGY BRANCH LSAFETAC AIS WEATHER SERVICE/MAC

## **SKY COVER**

12086	KENNEDY SPACE CENTER FL	69-70,73-80	OCT
STATION	STATION NAME	PER-OD	MONTH

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(LST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO OF OBS.
CCT	C-G2	20.3			39.6						21.1	20.C	5 - 1	927
	53-55	23.1			41.8						17.2	20.9	4.9	929
	6-08	7.6			42.3					<b> </b>	29.8	20.2	6.0	929
	79-11	6.2			42.7						29.2	21.9	6.1	929
	12-14	3.1	·,		41.8						33.8	21.3	6.4	929
	15-17	5.3			4C.1						32.7	21.9	6.3	930
	18-27	11.2			40.0						23.0	25.9	5.9	928
•••	21-23	17.9			39.0						23.5	20.7	5 • 3	929
	<u> </u>				<del>                                     </del>		ļ	<del> </del>		-	-			
								-			-			
	<del> </del>		· <del>·····</del>								<del> </del>	<del></del>		
10	TALS	11.5			40.7			<del>                                     </del>			26.3	21.6	5 • 8	7430

USAFETAC	FORM JUL 64 0-9	P-5 (OL A)	PREVIOUS EDITIONS OF TI	HIS FORM ARE OBSOLETE.			
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GLCBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

**SKY COVER** 

12885 KENNEDY SPACE CENTER FL

69-70,73-80

NCV

STATION STATION NAME

PERIOD

MONTH

MONTH	HOURS	ļ			PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTAL	L SKY COVER	:			MEAN	TOTAL
MUNIH	(LST)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO OF OBS
NCV	C-82	26.4			32.9						19.6	21.1	4.9	89
	03-05	26.8			32.5						20.0	20.7	4.8	89
	7.6-08	13.2	<del></del>		40.0			<del> </del>			25.9	20.9	5 • 6	89
	9-11	11.1		<b>-</b>	36.9					-	28.8	23.2	6.3	9.0
	12-14	9.4			39.1					<u> </u>	31.4	2 <b>1.</b> C	6 • 1	9 ~
	115-17	8.0		<del></del>	37.3						31.9	22.8	6.3	90
	10-20	15.n			33.6						27.1	24.3	5.9	89
	1-23	24.6			32.1						20.4	22.9	5 • 1	89
	<u> </u>							ļ						
	 									-	<u> </u>			
											-			
10	TALS	16.8			35.4			<del> </del>	- <del></del> -	<del> </del>	25.6	22.1	5.6	718

USAFETAC	FORM JUL 64 0-9-5 (OL A	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.
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GLCRAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **SKY COVER**

12086	KENNEDY SPACE CENTER FL	68-70,73-79	CEC
STATION	STATION NAME	PERIOD	HINOM

MONTH	HOURS				PERCENTAGE	FREQUENC	CY OF TENT	HS OF TOTAL	SKY COVER	:			MEAN TENTHS OF	TOTAL
MUNIA	{L 5 T }	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO OF OBS
DFC	TC-02	23.5			3 € • 4						17.4	23.7	4.8	929
	3-05	30.4			27.4			-			18.4	23.8	4.9	924
	r6-18	17.6			34 • 1			<u> </u>			23.9	24.4	5.6	924
	C9-11	16.7			32.6						25.3	25.5	5.8	930
	12-14	12.4			34.7			1			25.5	27.4	6.1	929
	115-17	13.2			34.1			1			24.6	28.1	6.5	930
	15-27	22.5			30.5						21.3	25.6	5.4	928
	21-23	32.1			25.5						19.7	22.5	4.8	926
			· · · · ·											
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														*
10	TALS	21.7			31.2						22.C	25.2	5.4	7420

u!	SAFETAC	FORM	0-9-5 (OLA)	PREVIOUS EDITIONS OF TH	HIS FORM ARE ORSOLETE			
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GLOSAL CEIMATOLOUY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

**SKY COVER** 

ACE CENTEP FL 68-70,73-80 12886 KENNEDY SPACE CENTER FL

PENIOD

ALL MONTH

MONTH	HOURS				PERCENTAGE	FREQUENC	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN	TOTAL
MONIA	(LST)	0	1	2	3	4	5	6	,	8	9	10	SKY COVER	NO OF UBS
۵۸.	ALL	17.4			31.2						22.6	28.9	5.9	7424
FES		22.7			27.9						25.8	23.6	5.6	6765
~ 6 5		10.1			32.5		·				33.1	26.2	5.7	7419
<u>,</u> 94	+	22.8			37.3		<u> </u>	ļ			21.6	18.4	4.9	719
~ A Y		14.1			37.9						26.C	22.1	7	7425
us.N	+	5.C			39.5		1				28.7	23.9	6.1	7197
ULL	•	7.5			36.9						32.0	23.2	6.4	7436
Ati		4.3	·		44.9						29.6	19.1	5.9	7432
J.C.F		4.5			42.3						32.5	22.6	6.3	7199
^ T		11.5			40.7						26.3	۷1.6	5.8	7437
	•	16.8			35.4						25.6	22.1	5.6	7194
	•	1.7			31.2						22.0	25.2	5.4	7420
	÷	14.2			36.4				<del> </del>		25.8	23.5	5.8	87524

A PER COURS OF THIS FORM ARE OBSOLETE

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART E

#### **PSYCHROMETRIC SUMMARIES**

In this section are presented various summaries of dry- and wet-bulb temperatures, dev points, and relative humidity. The order and manner of presentations follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperatures
  - b. Daily minimum temperatures
  - c. Daily mean temperatures

MOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviation, do not include no surgenests for incomplete months.

Continued on Reverse

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

  This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\Sigma X^2)$ , sums of values  $(\Sigma X)$ , means  $(\bar{X})$ , and standard deviations  $(\sigma x)$ . The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
  - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

CLISAL CLIMATOLOGY BRANCH

LAFETAC ATT REATHER SERVICE/MAC LAST REATHER SERVICE/MAC LAST REATHER SERVICE/MAC STATION NAME

DY SPACE CENTER FL 50-52, 57-80 YEARS

#### **DAILY TEMPERATURES**

MAXIMUM

(FROM DAILY OBSERVATIONS) ٠<u>٤</u> \_ Ì≥ 9 1.3 3.1, 13.1 22.6 15.9 5.4. 5.3 92.1. 76.4. ≥ 10.0 27.4, 63.8, 90.9, 82.0, 97.9, 99.5, 20.0 32.7 99.8. 97.9 5.3. 19.0 5.3 70.4 24.4 3 . 3 40.4 54.8 27.1 27.5 49.4 79.5 97.8 100.0 100.0 100.0 100.0 93.3 64.8 32.3. 73.1 ≥ 53.5 5. . 1 74 . 8. 94.7. 99.9 99.2 85.7 66.6 85.2 . . 4 ........ 90.1 99.5 100.0 96.9 100.0 65 12.3 71.6 ., 100 al. \_ 94 al. <u>80 al.</u> 92.5 36.2 63.9 86.4 97.4. 91.9. 96.7 - 5 94.8 99,5 . 99.8. 97.C. 98.7 :: 100.0 99.5 97.6 99.2 49.9 99.7 75.4 100.4 99.9 99.5 99.9. 130.0 39.8 100.0 100.0 ≥ ≥ 1.0.0 100.0 6-.8 e3.8 73.6 78.2 32.4 85.8 87.7 87.4 85.8 81.2 75.3 70.3 2.25 7.478 6.827 4.994 3.694 3.258 2.649 2.281 2.560 4.021 5.921 7.052 2.4 725 876 779 876 790 806 834 810 830 510 779 €.757

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE

USAFETAC 1084 0 21 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### **DAILY TEMPERATURES**

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50-52, 57-8C YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

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9 U 7 D						JUN.	JUL.	AUG.	SEP.	OCT.			ANNUAL
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7					1.49.	15.8	28.8.	28.1.	32 a C.	11.4.			10.
	• 4.		1 • 4.	11.2	38.2	77.7	91.3	93.2.	89.3	52.5.	10.4.	1.3.	39.
65	6.3	7.1	19.6	42.6	75 . 4.	98.1	99.6	100.6	99.1	77.7.	34.9	13.4	56.
6.	23.3	22.6	43.4	67.7	90.4	99.7	100.0		99.9	88.7.	. 58.9.	33.6	69.
55	46.1	39.5	61.3	84.6.	97.8	100.0			100.0	96.0	75.2.	50.2	79.
ع و	62.2	56.3	79.2	92.7	99.8					98.7	85.2	63.8	86.
45	75.2	72.4	91.1	98.2	99.9		· ·			99.6	93.0.	78.6	92.
4 Ĉ	85.1	87.2	96.7	99.6	100.0	•	•			100.C.	98.3	88.6	96.
35	94.5	95.9	99.0	99.9		•	•		•		99.8	95.6	98.
33	96.6	97.7	99.4	120.0	•	•	•	•	7		99.9	97.8	99.
<u> </u>	99.0	99.2	99.9		•	•	•	- •	•	•	100.0	99.4	99,
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MEAN		60 5	E 4 4	41 a'	41 .	71	77.0	71. "	77 ,	46 7	. E 0 3	67.7	
5 t.	O.	0 511	30.0	2 6 2 6	6 (34	1,600	2 720	2 453	1.504	, <u>9996</u> ,	4.454	7216. 10 077	63.
TOTAL OBS	9.654 864	735	8 • 3 6 1 <sub>.</sub> 8 7 6	7.578	5.076. 906	3.094, 785	2.720, 806	2.452, 834	3.008 810	. 6 • 38 7. 830	81C	10.673 779	10.83

USAFETAC - 5.84 0.21.5 OL 11 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLCBAL CLIMATOLOGY BRANCH

ATH WEATHER SERVICE/MAC

1 386 KENNEDY SPACE CENTER FL

### **DAILY TEMPERATURES**

50-52, 57-80 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MEAN

TEMP (*F)	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	ост.	NOV.	DEC.	ANNUAL
ā5 .					• 1.	1 3.	3.8.	1.6,			+		4.5
:L .			<b>1</b> .	1 . 4.	7.49,	41.3	68.4.	69.4.	56.9.	13.C			21.
75 .	٠ ك	<u>.</u> 5,	6 . 2.	23.1.	62.5,	95.5.	99.4.	99.8.	98.1.	63.4.	12.6:	2.4.	47.41
70	12.4	13.2.	32.4.	59.9.	91.2.	100.0.	100.5.	100.0	105.0.	88.4	48.9.	18.6.	64.
45	38.4	32.7.	57.6	85.1	99.1.					96.3	7.3	44 . C	77.
50	56.6	54.4	80.1		100.0	,			_	99.3	87.3.	63.4	86.
, , , , , , , , , , , , , , , , , , ,	76.2	73.6	91.3	99.5		•	•	•	•	100.0	94.7.	81.5	93.
55	87.4	89.3		100.0			•	•	•	LUBER.	98.4.	92.0	97.
45 .	95.1.	97.4	99.6.	IUU au.	•	•	•		•	•	99.9.	97.6.	99.
			99.9			•			•				
4.	98.4,	39.9.				- •	•		•	•	100.0.	99.7.	. 99.
	99.8	100.Q	100.0			+						100.0.	100.
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MEAN	Σ k • 4 <sub>k</sub>	6 • <b>1</b> ,	65.3	7 C • 3,	75 • C,	78.9,	8 Ç • 6,	80.5	79,7	74.9	67.7	62.	71.
5 D	- 377	6. 39	7.010	5.298	3.665	2.622	2.276.	1.083,	2.157	4 . 625,	6.765	8.028	9.45
TOTAL OBS	7 " 4	735	5 € €	779	406	780	806.	834	515	83C	91%	779	94.7

USAFETAC MAN 0.21 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CONTRACTOR SERVICE /MAC

USE WITH CAUTION SEE FIRST PAGE

#### **EXTREME VALUES**

MARIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

ACCURACY SPACE CENTER FL 11-52, 57-8.

STATION NAME

VEARS

#### THOL" DESHELS FAHRENPEIT

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN,	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
i,				•				ز ټ د	34	9 97	5 2 ×	7.5	
	7 7ag	3 1	10	3 3	9.3	3.7	9.3	9.2	c ti	24.	3 0	- ^ -	;
•	7 × 1	3 <b>9</b>	96	. 7	8.8	9 2	9.2	23	و م		354	7 5	٠.
5.7		9.5	. 3 4	ે છું	₽ 7.	94	93	94	8.7	٥	35.	7 : 1	ç,
on <sup>™</sup>		9.2	÷ 3	- 2	3 €	9.5	¢ 1.	90	7,4	54	3.3	77	5
5.9		3.4	3 🗐	97	37,	ن 9	91	\$7	91:	2.1	24:	7.7	ς.
÷ ,	3.3	- 2	4.3	<sup>2</sup> 6	37	39	9.0	7 j	51	٤.6	3.2	75	ç
-1 1	- 4 4	c 1	3.7	8 9	91	9.2,	95	94	9.27	27	.5.3	3.5	ŷ
T	4.1	£ 3	3.5	2.3	74	91	92	9.5	Яс	85	3 i	7 e	ς.
t	<u> </u>	24	3.4	9.9	93	94	9.1	9.2	9.2	50,	75	79	ب
64	70	78	2.5	: :: :::::::::::::::::::::::::::::::::	3.7	9.2	94	9 :	91	: 7	81	7 "	
4.5	4.4	3.6	ಕಟ್ಟ	3 9	و ج	39	8.8	9	o.	31	àL,	2.2	٠
5 o	7 1	7.7	7.5		89.		93	9.1	891	38	3.3	77	٠,
67	ધ હ્યુ	8.2	- 5	9.2	9.3	. 89	9	6 A	3.81	÷ 6.	8 Z <sub>i</sub>	٤٤	9
A :	12	<u>\$ 2</u> 7 <b>3</b>	3.1	94.	2.5	8.9	9.	9	انء	2.7	3.3	7 9	9
	73	79		<u>اد 3</u>	ė 6.	9.3	96	92	9.[	27	5.1	77	5
7.7	77	- <u>79</u>	35 83	7	37	93	9.	2 7	9	S +,	3 2	0.7	ç
7.1	3 <b>*</b>	3.0	3.7	94	93	94	9 2	21	8.8	35	94	5.2	\$
$\frac{71}{7}$	- 1 H 3	٦ ،	: 4	4 3	8.7	7 3	39	Ç -	7,	£ 6	3.5	53	7
7.0	3.3	<u>- 1</u>	: 3	د ٠	95	91	33	۱ د	9	. 7	35	7 7	, <u>, , , , , , , , , , , , , , , , , , </u>
74	· · · · · · · · · · · · · · · · · · ·	ب	30		3.8	90	93	9,	0.1	£ 8.	F 5	7 : 1	Ç
75	~ 3	<u></u>	e 9	4.1	90	9.2	92,	9 ;	89;	٤ 8 ۽	5.31	7 : 1	c.
75	· i i		36	و ب	3.7	27	94	9.11	9.2	÷ 7	3.3	75	<u>.</u>
77	- i	7 战	2.7	÷ 5	3.7	94	9.3	3 1	9.2	97	82	= 2	. 9
75	7 \$	77	3.7	6:	91	93	95	0.5	9.3	7	841	8.5	
7 .	7 +	. 1 <sub>i</sub>	3.1	ى د	90	7.2	94	91	9.	. پ	35	82	ç,
* *	77	<del> </del>	7 3	7	6.3	9.4	76	9.6	9.5	9.1	57		
<del></del>	:				+								~
MEAN				- 7 . 7	59.2	71.3	7200	106	1.00	3 č • .`	2 1	79.0	73.
5 D	• ¿ <u>[ u</u>	3.158	2.55	3.192	2.673	2.432	2.16	11-	1.575	1.778		2,599	1.42
TOTAL OBS.	554	735 NOTES	6 [3] ( 2 A S	779 (0.00)		740 1-41 F	ક∂ઇ LL MO	234 NTFS 1	91	33.	. i 1 u	779	95.7

USAY ETAC FORM 0-88 5 (OLA)

# (4.1 E AST 0.2 DAY ECSS THAN 2.1 0.5)

TEL AC CLIMATOELAY ARABON LATITAC A MATRIM SERVICAMAS

USE WITH CAUTION SEE FIRST PAGE

**EXTREME VALUES** 

SINIMIN TIMPLEATURE

(FROM DAILY OBSERVATIONS)

1 SEC NUNNEDY SPACE CENTER FL S1-52. 57-8
STATION NAME
YEARS

AHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS	
				,	i			, £'5	7 1		31#	7.		
i i		- 3 <u>U</u> 42	4.5	40	5	65	7.0	7.4		4	4	4	<u>v</u>	
	7 3	4.2	4 5	4.7	5.5	6.9	7 1	7.1	7.	5 5	431=	7 7	→ 21	
_3.7_	1.9	47	1.7	_ 5	6.3	<u> ခ်ရ</u>		6.7	7		4.5	- 71	ý.	
	1.1	30	4.1	56	్ ప	6.7	6.9	71	71	F 57	3 1	4 ]	<u> </u>	
4.5	13	5 3	4.4	. 32	54	6.7	6 7			£ ;'	_ 37_	7	?	
ξ 7	3.3	3.9	3.0	ان 4	5.+	6 I	7 1	6.4	€ 7	3.5	54	2.3	:	
5 i	3 4	7.7	25	ین ۹	E 7	5 %	71.	71.		٠.	54.		3.3	
- 1	ļāj	4.5	7 4	27	5.9	6 3	5.7	7.	5.7	3.5	44	3 5 1		
53	3.7	34	30	C P.	5 4	5.5	6 3	لٰ≥ د	7 ::	46	4 3:	233	7	
1	- 9	35	44	9.4	56	÷ 5	£ 9		5	5.4	49	4.5		
5 5	2.4	, 3	11,	u નું	47	۰ 7	67	<u> </u>	6 7	5.7	45,	e .		
56	7	. 13. 22	3.1	4 4	62	6.9	ç v.	6.5	6.7	1.1	43,	7.1		
67	34	2.3	44	47	5 q	6.7	5 8	e'.	6 1	€ €	4.7	4.	2	
	1	36	7,	1	£ 1	5.6	Ьć	4 3	6.4	42	381	2.5	Ĺ	
۲.,	3.1	3.5	3 5	- 4	رد 5	٠, ٥	7 4	6.5	7 1	. €Ы	35	7 1	3	
7		71	44		5 1	61	<del></del>	6 ,	4 4	6.1	34	30		
71	2.1	. j. j.	34	3 <del>4</del> ;	44	6.19	50	63	06	6.5	4 3	5.3	3	
7		3.4	47	4.2	53	6 G	6 1		5,4	5 5	45	11	3	
7:	11	3.3	4 94	74	<u>. 53</u>	6 5	6 3	+ 5,	6 .	44	5.2	3611	:	
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7c -	·			44	5.5	(; j	6 =	6.7	(4)	r 1	41	77	:	
77	$\sim -21$	: 7	ارَي	الح نه	5 ]	6.5	6.6	7 1	€ .	4:	ان	<b>* 1</b>	5 (	
7:	: 1	25			63	69	7 :	5.6	ر ع		5€	44	ري ــــــــــــــــــــــــــــــــــــ	
7,	7.7	35	47	• . ]	٠ ي	€ 6	7.	7	7 /	4	42	4 -	7	
		33			+ 1	<u>{{2}}</u>	7	7	1.5	4.7	35	<del>+</del>		
					. •	- 2	, ,		1	7 /	, 3	i		
MEAN	73.4	7 3	1,08	46.7	ું 5 • કે	: 4 • d	ز و ورد	* 5 <b>.</b> €	17.	E ti	प उंड धी	15.1		
S. D.	5.773	5.373	5 1	5.319	4.466	3.319	2.435	10453	117	2.773	2030	7.32.		
TOTAL OBS.	e C 4	735	E . 3	779	. 6	79.	3 . 0	334	01	6 7	1:1	770	957	

USAF ETAC (COM 0-88.5 (OLA)

# (AT LEAST U.S. DAY LESS THAN 34 0.5)

ار الاسال GLUPAL CLIMATOLOGY BRANCH LEAFETAC AIR REATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

KENNEDY SPACE CENTER FL 69-76,73-8 YEARS STATION MONTH PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 747 73 • 1 ./ 71 •2 2•5 •9 5•9 14 13 1 69 1.7 44 44 / 67 55 1.2 8.9 6/ 1.4 89 • 3 4/ 63 75 7 3 89 5,9 7 🗓 1 51 د ت .8 4.2 5 **9** 59 7 -3: 4.5 2.0 57 7 -7 . 531 €6 27 -5 4 - 4 1.6 • 1 5 / 51 2.0 7.2 7.3 49 1.9 ŝ -• 2 • 3 / 47 19 +./ 45 31 1.9 1.3 17 4/ 43 2.8 1.0 46 27 41 1.4 • 5 41 4.7 • 6 27 1.7 21 27 • 3 33 14 • 1 1 -11 ۰ 5 +/ 23 2/ 21 . 1 17 TITTL 3.458.721.6 9.3 2.4 930 73 930

ZX, Element (X) Ţ Ne. Obs. Mean No. of Hours with Temperature Rei. Hum. 80372 52520 7063304 86.411.243 56.5 9.799 54.310.097 = 47 F = 73 F = 80 F = 93 F 931 2 0 F 1 32 F Tetal 930 3055170 Dry Bulb 1.1 14.1 50491 Wet Bulb 2835929 930 2.3 7.8 2672375 48703 52.411.458 930 5.0 Dew Paint

C POSM O 26-5 (OL A) HINNE PREVIOUS ERHORS OF THIS FORM ARE OSCORES

ETAC 1084 0.28.5 (O. A. .....

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GLORAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICEZMAC

### **PSYCHROMETRIC SUMMARY**

STATION STATION STATION AME 69-70,73-80 MONTH 0309-0500 HOURS (L. S. T.) PAGE 1 TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point Temp. WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 \* 31 (F) 14/ 73 • 1 • 1 1/ 71 1.5 77/ 59 1.2 28 637 67 59 1.1 5.6 1.9 4.7 76 76 66/ 65 ćβ 4/ 63 88 70 59 9.8 6 5. 2/ 61 1.2 4.8 1. 70 1 59 4.6 1.5 3.7 68 5 / 57 3.7 1.6 58 54/ 55 90 6 l 5 3 14/ 53 3.9 ٠<u>.</u> آ 1... 3.5 .3 2.3 .1 2.0 5: 36 1./ 49 • 4 • 1 32 1 47 34 37 41 39 41 39 ? C ·1 2·3 4-7 45 1.9 147\_43 1.1 27 3., 23 25 41/41 32 35 1.5 30 1.4 31 31 24 21 ŧ7 3 / 17 3:/ 23 3:/ 77 1./ 29 17 :/ 25 2/ 23 1-/ 17 1 / 11 ZX Zx' Element (X) Ī No. Obs. Meen No. of Hours with Temperature ± 67 F = 73 F = 80 F = 93 F Total Rel. Hum. 2 0 F 1 32 F Dry Bulb Wer Bulb Dew Point

ETAC NOBA 0.26-5 (OLA) BENIED PREVIO

GLORAL CLIMATOLOGY BRANCH USAFETAC ATH REATHER SERVICEMMAC

### **PSYCHROMETRIC SUMMARY**

STATION SERVICE CENTE? FL. STATION NAME 69-70,73-8 1310-1501 HOURS (L. S. T.)

Temp.		WET BULB TEMPERATURE DEPRESSION (F)														TOTAL TOTAL					
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb		Dew Pain
TOTAL				6.7			11.										<del>-</del> -	<del>                                     </del>	930		93
	• • •				•••					ļ	ŀ	ŀ					1	936		Ç ₹	
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USAFETAC FORM 0.26-5 (OLA) REVISE MENDUS TRINDES OF THIS FORM AND OLD CHIT

SLCRAL CLIMATOLOGY BRANCH USAFETAC ALE WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

STATION	ΚE	NNED	Y SP	ACE	CENT	ER F	<u> </u>			69-7	C • 7	3 – a		- Y (/	ARS			·		MO	A:
																		PAG	E 1		-6436
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1/ 61	1.7	4.8	, 9	• 3		<u> </u>		11									ļ	69	69		67
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Wer Bulb			7322		491			910.5		9			+	4.3		<del>.</del> d		<b>†</b>	+		
Dew Point			1359		475			111.9			30			9.1		<u>.</u>		+	+		9. 5.

GLORAL CLIMATOLOGY BRANCH LSAFETAC AIR ABATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

STATION NAME

KENNEDY LPACE CENTER FL 69-70,73-8 PAGE 1

	_																			HOURS	
Temp.								PEMPER										TOTAL		TOTAL	
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Wer Bulb																					
Dew Point									$\neg \neg$				7		r —						

USAFETAC FORM 0.26-5 (OLA) MINITO MINION SUITORS OF THIS FORM ARE OLD OLITE

USAFETAC FORM 0.26-5 (OL.A) RENSED REVIOUS EDITIONS OF THIS FORM ARE OMDUFTED

SLOPAL CLIMATOLOGY BRANCH USAFETAC ATT REATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

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Dew Point		2 ե 4	1184		499	148	<u>53.</u>	113.	.6 <b>6</b>		3.	_		8.6	13	<u>•</u> 5					

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/6 4/2 KENNEDY SPACE CENTER, FLORIDA, REVISED UNIFORM SUMMARY OF SURFA--ETC(II) AD-A102 401 MAY 81 UAFETAC/DS-81/062 UNCLASSIFIED SRIE-AD-E850 093 NL 4 nr 5

CLCMAL CLIMATOLOGY BRANCH LCAFETAC AIN WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.8./W.8.	Dry Bulb	Wer Bulb	Dew Point
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~e/ 75			• 2	4 - 1	2•	1.3	• 3											5 l	8.1	ذ	L
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7.7 71		. 4	1.9		3.3	2.0	1 •							<u> </u>	<u> </u>	L		9.3	93		Ę.
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Ret. Hum.												s 0 1		s 32 F	≥ 67	F 1	73 F	⇒ 80 F	<b>▶ 93</b>	F	Total
Dry Bulb																					
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Dew Point						$\perp$					I										

USAFETAC FORM 0.26-5 (OL.A) RIVISIO REVIOUS EDITIONS OF THIS FORM ARE OLECULET

USAFETAC FORM 0-26-5 (OL.A) BRYIND MEYODIS TORIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

12:85	KE	NNED	Y SP	ACE	CENT	ER F	L			69-	7-,	73-8	**	YI	EARS						, A '. DATH
																		PAG	Ε -	12' C	-1400 IL. S. T.I
Temp.						WET	BULB	TEMPER	RATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - :	22 23 - 2	24 25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wer Builb	Dew Point
1_/ 13																					:
TOTAL	• 3	7.3	11.2	22.4	27.0	13.9	7.7	2.7	1.0	• 1				Ī				930	ي ز د	900	93.
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Element (X)		Z g'			z z	<u> </u>	¥	•		No. Ol					Mean I	No. of H	ours wif	h Tempere	lure		
Rel. Hum.			3630			34		15.1			3.0		0 F	1 32 F	≥ 67		73 #	= 80 F	+ 93	F	Total
Dry Bulb			6325			19	66.3	9.5	47		30						28.9				91
Wer Bulb			7151		5.5			9.7			30			. 9		-8	. 9		1		ç ·
Dew Point			9C74		496			12.9			3^			7.8		.5	• 2		1		9.3

SLOPAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

12:30 KENNEDY SPACE CENTER FL. 69-77,73-8 15 0-1701 HOURS (L. S. T.)

Temp.								TEMPER										TOTAL		TOTAL	
(F)	0_	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Paint
4/ 9?								• .						1				2	2		
2.7.81							• 7	• 2				l	l	L	l _		l	5	5		
79				• 1	- 3	• 3	• 3	• 2										12	12		
7-/ 77				1.4	2.4	. 6	• 2			i	ĺ	1 ,			]			43	43		ļ
10/ 75			• 13			- 8	• 3										1	7.6	76		
14/ 73		. 1		3.5	1.5	1.5	• ₽	• 2	. 1			<u> </u>		<u>L</u>	L			59	8.9		
71/ 71		• 5	3.	1.7	3 • 2	• P	• ?	• 1										79	79	41	. 2
7 / 69		1.0			2	1.0	• 5				<u> </u>	<u> </u>		<u> </u>				7, 3	9.3	104	
6:7 67		. 8		1.2		1.2	• 2	• 1	• 1	- 1	. 1			1	Ī			6.9	0.9	1: 8	7.4
·6/ 35	- 1				1.6	1.7	• 3	1	• 1	• 2							1.	6.1	εl	7.3	
4.47 53	• 1					1.5	• 5	• 1	• 1	ļ	1			1	}			- 2	6.2	9.7	1 -
_/ 01		1.4		• 5		- 4	• 2	• 3	• 2		L						L	48	4.3	7.2	
/ 59	• ?			1.7		• 3	• 4	• 2						1	i			5.2	5.2	61	1
/ 57		1.5		1.3	1.	• 5	. 4	• 1										49	49		
5_/ 55		.5				. 6	• 3	• 6	• 1								ĺ	43	43	5 6	
4/ 57	-	2				• 3	. 3	• 2						ļ			ļ	36	. 36		
51/ 51		ا ا	- 4	1.1	• 7	• 5	ا	• 1		1	}	}					1	27	2.7	35	
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1./ 19																			1		7
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Element (X)		Σχ'		- 3	ž į	I	Ŷ	7,	$\perp$	No. Ot	8.				Meen N	o. of H	ours with	Temperati	ita		
Rel. Hum.			I									≤ 0 (		⊴ 32 F	= 67	F	73 F	≥ 80 F	• 93 [		Total
Dry Bulb																					
Wer Bulb									$\perp$												
Dew Point			I																		

Element (X)	Σχ'	Z X	X	₹ PA	No. Obs.			Meen No. a	f Hours with	Temperatu	100	
Rel. Hum.						± 0 F	1 32 F	≥ 67 F	≥ 73 F	- 80 F	- 93 F	Terel
Dry Bulb						1						
Wet Bulb					-						1	
Dew Point						i —					1	

USAFETAC FORM 0-26-5 (OLA) INVIND MEVIOUS ERRORS OF THIS FORM ARE OLD OUT IT

GLCGAL CLIMATOLDGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

				5	TATION N	AME				<u> </u>	7.9	73-97		Y	EARS						
																		P 7 C	ڊ <u>-</u> -	1500	17 L
Temp.				_			BULB .									_		TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 -	24 25 - 26	27 - 28	29 - 30	± 31	0.B./W.B.	Dry Bulb	Wet Buib	Dew Po
15/ 15														7		-					†
4/ 13					İ		1	J		1	ļ	1	ĺ				1	1		1	l
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lement (X)		2 <sub>X</sub> ,			Z <sub>X</sub>		Ī	•,		No. Ol	8.				Mean N	o. of H	wes wid	Temperat	ure .		<u> </u>
el. Hum.		445	9496		527	22	67.4	15.7	12	9	3 C	5 0	•	1 32 F	= 67		73 F	- 80 F	• 93 f		Tetal
ry Bulb		403	5274		607	'C 8	65.3	8.3	24	9	30		$\neg \top$		46	. Pl	22.7	1.			9
for Bulb			4596		547		58.9				30		$\neg$	. 7			• 3		+	$\dashv$	9
Dew Point			355	<del>                                     </del>	498		53.6				30		• 1	7.3	10				+	+-	9

USAFETAC FORM 0.26-5 (OL.A) REVISIO MENDOS EDITIONS OF THIS FORM ART OMOLETE

ু •> GLOTAL CLIMATOLOGY BRANCH LSAFETAC ATH WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

<u>1</u>2#86 2/86 KENNEDY SPACE CENTER FL STATION NAME 69-70,73-6 18 6-7065 Hours (L. s. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point 7:/ 77 2.5 3.5 4.5 3.5 4.7 2.9 4.3 2.2 5.2 2.6 19 57 '4/ 73 19 121 71 2.7 69 8.1 ٦ ١ 25 78 89 3 **9** :/ 67 5 3 69 1.7 6/ 65 • 1 • 1 75 91 3.5 70 73 / 51 1.3 1 . 4 5 **3** 63 ٠, 21 70 58 79 5d/ 57 3.3 67 67 . 1 2.7 5\_/ 55 67 67 5 8 3 7 1.6 F4/ 53 5.6 1.4 45 45 34 34 36 39 = / 40 1.3 36 1.7 • 3 34 40 : :/ 47 4 **3** 3 **3** 44/ 45 1.6 31 31 26 4 C 44/ 43 10 10 33 23 42/ 41 • 1 2.5 37 • 2 34/ 35 28 1: • 4 25 17 't/ 25 4/ 23 2/ 21 18/ 17 16/ 15 1.743.030.114.3 7.6 2.5 930 TTTAL 933 Mean No. of Hours with Temperature Z, 80.513.550 Element (X) No. Obs. 6200260 3393705 74884 93C =67 F = 73 F = 80 F = 93 F ± 0 ₽ ± 32 F Terel Rel. Hum. 59.8 8.814 56.4 9.520 930 24.9 55579 2.2 Dry Bulb • 1 14.3 52490 1.2 93 3646778 930 53.511.633 93

ETAC FORM 0.26-5 (OL

3

## **PSYCHROMETRIC SUMMARY**

1 7 18 5	KE	NNED	Y SP	ACE	CENT	E P	L			69-	70.73	3-80									A I.
STATION				5	TATION N	AME								YE	ARS			0.00			
																		PAG	!	21 C	- 2 3 C .
Temp.								TEMPERA										TOTAL		TOTAL	
(F)	0					9 - 10	11 - 12	13 - 14 1	5 - 16	17 - 18	19 - 20 2	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 1	• 31	D.B./W.B.	bry Bulb	Wet Bulb	Dew Poir
74/ 73		1.2									ľ							33	6 33	i	l .
7./ 59	• 2						<del> </del>	╁──╁						+ $+$	+			56	<u>33</u> 56		16
1.3/ 67	. 8				4													79	79	_	1
16/ 65	1.5	5.6	• 6	1.7	• 3	• 1												6.7	3.7	7.3	5.6
4/ 63	. 4	5.4	1.6		. 4			LL						$\perp$				8.3	8.3		
5.27 61	• 2	5 • 1	1.1	• 1	. 3													53	£ 3	70	
5./ 59	• 5 • 2	5.6		1.4	-4	• 2	. 1	<del>   </del>			$\rightarrow$		_	<del>  </del>				8.2 7.0	<u>82</u>		
5t/ 55	2				.6	• 1	• 1			.								67	67	_	1 · .
4/ 53	• 1	2.4		. 3	.2	_				t	$\dashv$					$\neg +$		4.8	48		
~2/ 51		2.6	. 4	_ • 5	. 3			1 _ 1								$\perp$		36	36	45	4 )
5 / 49		2.0		- 6	. 4	• 2												39	39	l	l ''
46/ 47 46/ 45		1.4		1.1						L	$\rightarrow$					_+		36	36		
45/ 45		2.4		• 4		• 1	-											40 32	40 32	3 3 4 4	2.7 2.9
12/ 41		1.0	- 6	- 3	1			<del> +</del>			-			1		-+	-	14	14	36	
407 79	• 2		. 6		1		ļ	\ \		} }	- 1		İ	<b>1</b> 1	1	1	1	17	17	1 -	
78/ 37	• 1	1.2	• 2	. 4														18	18		
15/ 25		. 4																4	4	17	
34/ 33	_	- 4												1				4	4	11	1 -
27 31	• 4	1.3	• 1				<u> </u>	+				-		<del>   </del>		-+		12	12	7	16
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14/ 23																					
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13/ 17								<b>├</b> ─┼			$\rightarrow$			$\longrightarrow$							1
TOTAL	ى د	56.4	21.6	11.3	5.2	1.0	1												930		930
		30.0		1104	7.9	1.00		<del>! -  </del>		<del>   </del>	+			<del>† †</del>		-+		930	-,,,,	936	
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																					i
Element (X)		z x,			2 <sub>X</sub>		¥	<b>"</b> A		No. Obs					Mean No.	of Hour	with	Temperatu	re		
Rel. Hum.			1467		783			12.43			30	= 0 (	7	32 F	≥ 67 F			- 80 F	+ 93 (	,	Tetal
Dry Bulb			1967		534			9.60			30			1.6	17.		• 6		-	<del>_</del>	7.
Wet Bulb Dew Point			8692 9536		51°			9.98			30 30			6.1	10.				-	-	Ģ ? 9 ]
VEN FRINT		209	73.0		407	24	3200	11103	3	9	ا ناد			- Q + 4	1 .	7	_				<u>, , , , , , , , , , , , , , , , , , , </u>

USAFETAC FORM 0.26-5 (OL.A) BEVIDE MENDES EDITIONS OF THIS FORM ARE OMNORTHE

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

1 1 286 KENNEDY SPACE CENTER FL 69-70,73-60 PAGE 1 ALL

Temp.								TEMPER						_				TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 93		_						• -										2	2		1
22/ 81				. 7	L ,	•0	• 1	• 0									1	16	16		]
79				• 1	• 2	. 2	• 1	• 0										45	45	-	
7:1 77	Ì		• 17			- 3	• 0								[ .			148	143		
75/ 75			.2		. 12	. 3	. 1											2-9	7.9	- 2	
74/ 73		• 1	1.7	1.1	• 5	• 6	• 2	• 1	• 0		_				l i	1		262	202	14	
11/ 71		1.7	1.9		• 9	- 5	• 1	• "										372	372	135	14
7:/ 69	• 3				7	• 5	2											458	498		
55/ 67	• 5			• 7	• 6	• 6	- 1	•	• ()	• 1	• 0							579	579	540	
é/ 65	<u>• 9</u>	4.0	1.7			. 4		• 1	_ •1	• 17								53C	630	5 3 3	
4/ 63	- 1			1.1		- 4	• 1	• 7	• 1			T						5 ~ 6	5 € 6		
1 61	- 5	3.3	1.2		- 5	- 1	1	• 1	۰^									477	477		
- 57 59	• 5					- 1	• 1	• 1	• 7									525	525	5 9 7	1
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6./ 55	• 5					• 4	• 1	• 1	• 1		]	' I	Ì					474	474	479	
4/ 53	3					4												374	374	463	
2/ 51	- 3				• 4	• 2	• 1	• 1		ĺ		}	}		)			239	289	367	
5 / 49	• 1					- • 3	- 1	• 1				<del></del>						261	261	315	358
+ : / 47	• 1				• 3	• 1	• 1											2.74	224	259	
+=/ 45	• -	1.3		. 4	- • 1	!	_•	. • 4										218	219	253	
62/ 41	• ]	1.1	• 6	1 1		- 1						-						167	197	271	
62/41	- 1				• 1										$\vdash$			141	141	227	
3:/ 37	• 1	.6			• 4	• 1							- 1					128 98	129	184 154	200
11/35	- : 1	-4			-	-												64	64	127	186 186
34/ 33		1		. 1	• }													54	54	90	132
12/ 31	- 1	. 2		-1		$\dashv$						+						41	41	96	149
1/ 29	. 1					Ì	]	1	)		}	Ì	1					23	23	42	
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18/ 17	l		1					Ì						İ					- 1		3 7
Element (X)		Z,			ž x	Τ,	X	<del>-,</del>		No. Ob	· T				Mean N	io. of He	urs with	Temperati	yre		———
Rel. Hum.						$\top$			$\neg$	-		± 0 F	: :	32 F	≥ 67		73 F	- 80 F	a 93 f		Total
Dry Bulb			$\neg \neg$			1	$\neg \neg$		o				<del>                                     </del>			<u> </u>		<del></del>	† ·		
Wet Bulb						$\neg$									_				<del></del>	1	
Dew Point																$\neg$					1
				_								_			_						

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2886	K E	NNED	Y SP	ACE	CENT	ED F	· L			59-	70,7	5-8									A '
STATION				5	TATION N	AME		-					_	Y	ARS						
																		£ <b>A</b> G	Ε -	HOURS (	L. L. T.)
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION	F)						TOTAL		TOTAL	
(F)		1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	4 25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
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136	6.1	39.1	21.1	15.3	10.1	1 1	<u> 2 . 1</u>	<u>ا</u> غ	_ • :	1 . 1	•	<u> </u>				_			7440		744
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ement (X)		Σ×,			Z X		X	· **		No. Ob								h Tempere			
I. Hum.			1294		5900			15.8		74		⊴ 0	<u> </u>	5 32 F	≥ 67		73 F	≥ 80 F	a 93 1	-	Total
y Butb			34137		443			10.5			40		_		213		68.2		4	<del></del>	7
et Bulb			8338		4160			10.2			40				114		1.6		<del></del>	$\rightarrow$	7
ew Point		2177	76849	3	392	277	52.	112.1	26	74	40		• 1	60.0	63	- 64	• 2	1	1	- 1	7 (

I USAFETAC FORM 0.26-5 (OL.A) NEVINED REPORTS EDITIONS OF THIS FORM ARE OMNOSTER

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GLCBAL CLIMATOLOGY BRANCH USAFÉTAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	<b>* 31</b>	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Paint
74/ 71		1.2																1,4	14		
761 69		1.4	1.4	L						<u></u>		L		l !				24	24		
/ 67	. 4	4.8	1.3		• 3	• 1												61	51	2.6	24
6/ 65	• 2	5.1	• 5	1.5														6.2	έ2	۶۶	5.4 3.0
4/ 63	• 2	2.3	.4	. 4	• 1	_												_ 3	3.3	45	3.5
7/ 51	• 5	4 - 1	. 9	.4	. 2	• 1			i	ļ	<b>!</b>							- 5 3		4.0	4.7
_/ 59		4.7	. 3	. 2	. 4													5.2	5.2	59	
/ 57		4.5	1.3	. 9	• 5					L		<u>.</u>		<u> </u>				₹5	6.5	F 1	4.3
5// 55	. 4	4.3	1.3	.7					]									5.6	56		<u>2</u> 3
4/ 53				1.1		• 2			L	1	l							6.1	61	5.5	<u>5</u> 
12/ 51	• 2	3.7	1.1		•	• 1,			I	]		_				_	I	5.0	50	5.7	
51/ 49	2		1.2	1.3							L							5 9	ģ <b>9</b>	<u> </u>	5 i
1-/ 47	. 4	3.8	1.9	.7														5.7	57	5.3	43
46/ 45	• 1		1.9	. 7	. 4					L .								5.8		64	01
- 4/ 43		2.8	1.3	1.2														4.5	45	E 4	43
42/ 41		3.3								L	<u></u>					<u> </u>	<u> </u>	3.5	25	4 5	46 59
a / (5	• 4	. 7	. 6	• 2					ł	{	}							1.8	13	4.2	
3:1 37	• 2	1.8	. 4							<u> </u>								20	20	2.8	34
15/ 35	• 1	1.1	• 2														ĺ	1 2	1.2	? 2	69
34/ 23	• 1	. 4															<u></u>	4	4	8	20
77/31	• 1	• 5				1				1					-			5	5	4	2.3
/ 29		• 1								L								1	1	5	,
21/ 27		• 1			i		' i		}	ł	}	}					}	] ]	1	1	7
_c/ 25																	<u> </u>				- 5
34/ 23									1		İ						l				1
T"TAL	4.3	62.2	20.0	16.9	7.1	- 6			ļ								ļ		246		845
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Element (X)		Zz'	L	<b>-</b>	z x	<del></del>	X X	7	<del></del>	No. Ob	E	نـــــــا			Hear !	la. of H	ours wis	h Temperat	ure		<u> </u>
Rel. Hum.			9733		721	6.1	85.3				46	10		32 F	≥ 67		73 F	- 80 F	+ 93 1	F	Total
Dry Bulb			6158		459	ĭð	54.3	9.4	06		46		<del>-   -</del>	.7		.8	·•-	† <u> </u>	<del></del>		F 4
Wer Bulb			3456		439		52.0				46		$\dashv$	1.0		• 3		<del>                                     </del>	+	$\rightarrow$	E 4
Dew Paint			5842		421		49.8				46		+	4.8		. 3			+		64
			<u> </u>																		

AC FORM 0.26-5 (OLA) REVISED PREVIOUS I

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GLCBAL CLIMATOLOGY PRANCH USAFETAC AIE WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

STATION	КĒ	NNED	Y 5P	ACE	CENT	ER F	L			69-	70,7	3-30			ARS						E F-
STATION				3,	X1104 H	AME.									AN-9			ان ۵ ۵	r 1	T31.0	<b>-</b> (5,:
Temp.						WET	RIII R	TEMPE	RATUR	E DEPR	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb		Dew Poi
7.7 71		. 4																5	5		
7 / 69	. 1		. 5			İ		1		1	L							23	2.3	7	
: 1/ 67	• 1	4.6	. 7	• 1	• .	• 1								1				c	5.0	2.3	
6/ 65	• 6			. 8								Ĺ		J				57	5.7	50	
4/ 63	. 4	3.7	. 9	• 1		• 1			$T^{T}$		]							4 3		₹6	3
/ 61		3 • €			• 2				<b>⊥</b>		<u> </u>	L						35	35	<u>د</u> ب	4
- / 59	. 4	5.1	1		• 5		}	1	ĺ			i						59	5 9	5.2	
1 5/ 57	. 4		• 3		, u						ļ	ļ						50	5.0	4.5	4
5./ 55	• 4				• 2	- 1			}	1								5.5	65	4 7	-
6/ 53	5		1.3		• 1		<u> </u>	ļ	—	$\leftarrow$		₩-		<b>↓</b>			<u> </u>	67	67	- 69	
1/ 51	. 4					• 1	-					İ					1	3 <b>2</b>	5.2	á 1	3
= / 49	• 4			• 5	• 2	ļ	<u> </u>	<u> </u>	↓	<b>↓</b>		<b> </b>		₩				59	59	44	4.
9 / 47	• 4	5.2	1 1		· i	}	l	l			l	ł		łi	' 1		ł	68	5 S	64	
9. / 45	- 4					<u> </u>	-	<u> </u>	<del> </del>		├			$\vdash$				5.8 4.3	58	69 60	ລົ ວິ
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42/ 41	• 5									+ —		<del></del>			-		<del> </del> -	21	21	34	
i	• 2	1.4		1 1	1	(	1	1	1	1	1	ì			1		i	16	16	29	
2-1 37	• 5	• 9	- 4			<del></del>		+	$\vdash$	+	<del> </del>	<del> </del> -		+			<del> </del>	13	13	15	
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7./ 31		• 6		. 1				+	+-	<del> </del>	<del> </del>	<del> </del>		+-	-		<del>                                     </del>	6	6		
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107 15												1									
TAL	5 • l	67.7	17.7	5.6	2.4	• 5													946		24
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			ļ					<b>├</b>	<b>├</b>	+		<del> </del>		$\vdash$	<b></b>		<u> </u>	<b></b>			<b></b> -
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Element (X)		Z x '	l		2 x	Ц_	Ī.	•,	<del></del>	No. O	1	Ь		Ц.	Mean N	o. of H	ours wit	h Temperet			
Rel. Hum.			5337		735	33		1C.			346	= 0	F	± 32 F	≥ 67		73 F	- 80 F	+ 93 F	-	Total
Dry Bulb			3268		451			9.			346			1.2	7	. 7					- 5
Wet Bulb		230	6347		434		51.	9.5	529		346		$\Box$	1.7		•0					€:
Dew Point		216	5639		418	5 9	49.5	10.	598		346			5.0	7	• 2			1		

I USAFETAC FORM 0.26-5 (OL.A) REVISIO REVIDUS EDITIONS OF INIS FORM ARE OBSOLETE

# PSYCHROMETRIC SUMMARY

1 TERE KENNEDY SPACE CENTER FL. STATION NAME 69-70,73-8

Temp.						WET	BULB 1	FMPER	ATURE	DEPRE	SSION /	F١						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5.4	7 . 8	9 10	11 12	12 14	15 14	12 . 18	19 - 20	21 - 22	23 - 24	25 - 24	27 . 28	29 . 30	- 31		Dev Bulb		Dew Point
22/ 71	<u> </u>	• 2			/	7.10	11 - 12	13 - 14	13 - 16	<del>''-''</del>	17 . 20	21 - 22	23 . 24	23 - 20	27 - 20	27 30		14	<i>b.y bb.b</i>		7 7 0111
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6/ 45	• 9		. 5				į l		1	ŀ				1		i		4 3	4 3	1	
4/ 53	7	2.7 3.3	1.3			<del>                                     </del>	<b>-</b>			ļ			-	<del> </del>		<del>}</del>	-	4.9	48	<del></del>	
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5.7 55	- · 1	4.4 5.0	1.5	. 4						-		-		<del>                                     </del>	-	├		5.2	(, 1	4	
5.7	• •	5.0			1									1	l			- 4		6.3	] ]-
4/ 53	• 1	4.1	1.4		·	<del></del>	-			-				1		<del>├</del>		4.0	4.9		1 1.3
- / 45	• 1	7.7	2.1		. 1													. 1	€ 1	I	4,5
1 / 47	_ • >	3.7 5.2	1.5	.4	•	_			<u> </u>	-				1		<del>                                     </del>		6.5	69		
	. 2	J • Z	1.4		] · ·													5.8	4.9		
46/ 45 4/ 43	• 2	2.7	1.2			<b></b>								<del></del>	<b></b>	<del> </del>		3.9	3.8		
17 41	. 5	3.4	. 9		i										l	į	ł	43	4 1	1	
12/ 41	- · · · · · · · · · · · · · · · · · · ·	1.5	.4		• 1								-	}	<b></b> -	<del>                                     </del>	ļ——	+ 5	2:	44	
7 37		1.3	, ,		• •			. !		Ì			1	Ì	[			· 2		2 1	
1-/ 37 7/ 35	- • <del>4</del>	1.2	• 7	1	-					-					<b>-</b>	<del>                                     </del>		15	15		1 7
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Element (X)		Z Z'			Σχ		X	•,		No. Ob	1.				Mean I	No. of H	ours with	Temperat	ure		
Rei. Hum.			9586		733		86.7				46	± 0 1	F :	± 32 F	≥ 67		73 F	≥ 80 F	<b>= 93</b>	F	Total
Dry Bulb			5549		451	17		9.7			46			1.5		. 7					5.7
Wet Bulb			7286		433			9.9			46			2.6		. 4					٤٦
Dew Point		216	7001	ĺ	417	A T	49.4	11.0	6.1	۵	46			6.5							84

USAFETAC NOM 0.26-5 (OLA) RIVID MINOUS IDITIONS OF THIS YORK AND OBSOLETE

**●** 

GLOTAL CLIMATOLOGY RRANCH CLAFETAC AIA WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

STATION	ΚC	NNEC	Y 5P	ACE	CENT	ER F	L			64-	7:,	73-3			EARS						ONTH	
STATION				5	TATION N	AME								*	EARS			P156	:	HOURS		Ť.
Temp.						WET	BULA	TEMPER	ATURE	DEPR	ESSION	(F)		-				TOTAL		TOTAL		-
(F)	0	1.2	3.4	5.6	7 - 8								23 . 2	4 25 . 26	27 . 28	29 . 30	31	D.B./W.B.	Dry Bulb			P
7 79		-	-	-	•"			10 10	130	1	1	-	1	+			<u> </u>	4	3		<del></del>	_
7./ 77				. 7			1		l	1		ł	ł					: 5	16	ł		
75			. 14		-		<del></del>	<del> </del>		†	<del> </del>	<del>                                     </del>	t	†	<del>                                     </del>		†	. 6	: 6		<del> </del>	_
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/ 71		. 8		1.2		. 4				<del> </del>	1	<del> </del> -	t -	<del></del>	<b>†</b>		<del> </del>	60	40		+	_
- / 69	• 1					8		1				1	ĺ				1	5.8	ء 6 د	46	1	,
/ 67	• ;	2.1		1.7		- 6		<del>  • • •</del>		<del> </del>	1	t	<del> </del>		$\vdash$		<del> </del>	F. P.	٤ ٩			
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4/ 63	- 4			9		1.1			• !		<u> </u>	<b>†</b>	<u> </u>	<del></del>	1 1		<del>                                     </del>	- 5	ა 5		1	_
./ 01	• 7	1.7		l				2			İ			1				£ 6	5 6			4
/ 59		1.7	2.4		1.2	8			<u> </u>	$\vdash$	+-	1	<u> </u>	+	<del>                                     </del>		<del>                                     </del>	7.0	7.7	5.7	·1	_
1 57		1.2						1										76	7.3	7.5	1	
5 / 55	• 1		. 3			1		<del>  ' '</del>	<del>                                     </del>	t	† - <del></del>	+	+	+	† †			49	4.9	7.5		-
4/ 53	ì	9				. 7			ŀ		i	İ					ł	45	45		1	
2/ 51		. 4		. 9		. 4		<del>  •</del>		1	<del>                                     </del>	$\vdash$	<del>                                     </del>					29	9	5.3		:
/ 47	1	. 1				. 4					ĺ	1		1	1 1			34	34		1	_
/ 47		7	1.2					. 1		<del>                                     </del>		+	<u> </u>	+	1		<del>                                     </del>	7 2	3.3	7.6	1	Ĺ
116/ 45	1	• '	. 3	• 5	1	]		ſ	1	}	]	ì	ļ	1			]	13	13	4.5	,	Ļ
4/ 43		1					<del></del>			<del>                                     </del>	t	<del>                                     </del>	$\vdash$	<del> </del>				9	9	7.3	:	-
.21 41	1	- 7	. 1	.7	L				l	1					1 1			7	7	z <b>7</b>	·l	3
/ 15			-4					<u> </u>			<del></del>	1	<u> </u>	+	<del>  </del>		<del> </del> -	4	4	1.2		-
7 / 37	ļ				• 1	}	<b>{</b>	}	<b>\</b>	}	1	}	1	1	1		1	3	3	6	1	-
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lement (X)		Z X,			Z X		¥	·,		No. O	b1.				Mean N	o. of H	ours wit	Temperati	)r <b>0</b>		_	-
tel. Hum.												± 0	F	≤ 32 F	≥ 67	F	73 F	- 80 F	≥ 93 F	-	Total	_
Pry Bulb																Т			Ι			_
Ver Bulb																			1			
Dew Point						T			7													_

USAFETAC FOLM 0.26-5 (OL.A) REVISED REVISES EDITIONS OF THIS FOLM ARE OLSOSETE

GLOPAL CLIMATOLOGY BRANCH CLAFETAC ALP MEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

17 FRE KENNEDY SPACE CENTE? FL STATION NAME 69-7",73-8"

Temp.				•		WET	BULE	TEMPER	ATURE	DEPRE	ESSION	(F)						TOTAL	Ī	TOTAL	
(F)	0	11.2	3.4	5.4	7.8	9 . 10	11 . 12	12 . 14	15 . 16	17 . 18	19 . 20	21 . 22	23 . 24	25 . 26	27 . 28 2	9 . 30	4.31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pair
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SLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR ACATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

17986 KENNEDY SPACE CENTER FL. 69-7 ,73-5

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GECRAE CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

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GLCHAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHIR SERVICEZMAC

#### **PSYCHROMETRIC SUMMARY**

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Element (X)		ZX'			ZX		X	7.	~~	No. Ob	s. T				Mean P	to, of H	ours wit	h Temperat	ure	Ь	
Rel. Hum.			2100		52	372		15.7			46	± 0 l		32 F	2 67		73 F	+ 80 F	• 93	F	Tatal
Dry Bulb			4408		55		65.1	8.4	20		46				37		19.0				
Wet Bulb		284	5692		485	77	57.4	8.2	29	Я	46		$\neg$		15		• 3				
Dew Point		229	5004		430	73	50.9	10.9	81	- 8	46		$\dashv$	5.9		• d			<del></del>		

USAFETAC NORM 0.26-5 (OL.A)

GLORAL CLIMATOLOGY BRANCH USAFETAC ALE WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

2 5 6 b	ΜĒ	NNED	Y SP	ACE	CENT	E? F	L			<u> 59 -</u>	72,7	3-8		- 41	EARS					- H	E :
				·														985	€ 1		
Temp.			_			WET	BULB	TEMPE	RATURI	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	± 31	D.B./W.B.	Dry Bulb		Dow Po
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11/ 19		<u> </u>			<u> </u>		•1	Ļ	ļ	↓		LI		<u></u>	L		↓	1	1		<u></u>
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76/ 75		<del></del>	• 1	• 1					<del>                                     </del>	<del> </del>				<u> </u>	<b>├</b> ──┤		├	17	17		
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- / 71		2.0	3.9		• 2	•	- 1	. 1		<del> </del>		<del>  </del>		-			+-	65	6.5	31	
1 67		2.4	1	. 7			]		1						]			5.8	58	ä i	
167 65		3.4		2.5	• 5				Ì						$\sqcap$		1	78	7.8	50	
4/ 63		2.4			1.5		. 4											67	67	51	
1/ 51	• 1	1.7	1		• 9	. 6												50	5.0	3 3	
/ 50		2.4				• '		ļ		<u> </u>					L		<u> </u>	62	<u> </u>	55	
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5:/ 55		3.3				• 6			<del> </del>	+-					$\vdash$		<del> </del>	<del></del>	74 60	56	
2/ 51	• 1	9		r	• 4	į		1									ļ	6 C	46	6.5	
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11:7 45		. 9			• 1	•		1									t	27	2.7	46	
44/ 43		• 9						ļ		<u> </u>							l	18	18	4 3	
42/ 41		- 1		- 4	• 1										[			7	7	3.2	
9 / 76		. 4					ļ	<u> </u>				$\vdash$			$\vdash$		↓	3	3	14	
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7 29							├	<del>                                     </del>							$\vdash$	-					
25/ 27							<u> </u>									_					
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' " [	• 4	3203	32.5	10.4	45.4	, ,,,	1 ***	• •	•	†								846	5 <b>4 G</b>	846	
lement (X)		Σχ'			Z X		X	**		No. Ob	<u>.</u>				Mean N	le. of H	ours will	h Temperet	ure		
el. Hum.			6953		650			13.3	_		46	± 0 F	1	32 F	æ <b>67</b>	_	73 F	■ 80 F	= 93 F	1	Fetal
ry Bulb			C 9 9 2		500			8.4			46		$\bot$		13		2.7	<u> </u>	2		
fer Bulb			6541		466			8.6			46					•7		<b></b>	<del></del>		
Dew Point		234	12534		436	21	51.6	10.4	46	8	46		_	3 . 5	1 4	• 9		1 _	_1	_1	

USAFETAC FORM 0.26-5 (OLA) REVISE REVIOUS EDITIONS OF THIS FORM ARE OLSCIFE

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EDITIONS.
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(OL A)
0.26.5

SLCAAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1 : 6 c	ĸ.	NNED	Y SP	ACE	CENT	EA F	L _			69-1	70,7	3 – 8								F	E E
STATION				51	TATION N	AME								YÉ	AR\$						
																		PACE	,	HOURS (	-23.1 <b>5.</b> 7.)
Temp.						WET	BULB	TEMPERA	TURE	DEPRES	SION (F	)			-			TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	0 + 31	D.B./W.B.	Dry Bulb	Wet Buib	Dew Paint
767 75					• 1													1	1		
14/ 73		<u> </u>	• 2		• i								Ь	1			1	3	3		
72/ 71		1.9							}	- }	}			1 1	Į		1	2.9	29	3	
7./ 69		1.4	2.7					<b>-</b>		$-\!$			ļ <u>.</u>	$\longmapsto$			-	0.5		24	13 27
- / 67	_	3 - 1	2.4	- 4	1	• 1		1	- [	-							1	5.0	£ 3	35	
6/ 05	• 6		• 7	1.7	• 9	. 1		+	-	+			<del>-</del>	+			<del> </del>	4.7	32	5.5	45 54
64/ 63		2.4		1.1				l i	1					l i				47		54 33	
1 / 59	• 5	2.4 3.1	1.3	1.9		-	+	+		-+	<del>- +</del>		$\vdash$	+ +	-		+	63	<u> 42</u>	5.5	44 36
1 57	• 7	5.0	1.2		] [	• 1	1	1					ł	1				6.2	6.2	65	45
\$1/ 55	• 1	_		1.3		• 1	<del>                                     </del>	+ +		-+				+ +			†	65	<u> 65</u>	72	5 9
	- 4	4.0	1.2	. 8		. 1	1											5.9	59	56	62
-4/ 53 -11/ Fi		2.5			- 4	• 1		1						$\vdash$			<b>†</b>	45	45	5,4	65
5./ 49		2.8	1.9	1.8	5	• 2	1		Į.						1			61	61	44	50
4./ 47	. 1		1.2	1.7	. 2				一寸									5.5	5.5	- 3	32
45/ 45		3.3	1.4				ĺ	l l	]		1		1		ļ			49	49		5 L
1:4/ 43		2.7	. 9						Ī		1							7.2	3.2	5.3	4.5
-2/ 41	. 1	1.8		. 4									<u> </u>	<u> </u>				? 2	2.2	45	3 8
4./ 29	• 1	1.3	• 5	• 1														1.7	17	36	46
7:/ 37		. 7		• 3	<u></u> .		ļ						L	11				8	8	7.2	3.2
Tu/ 35		.9															1	1 1	11	9	3.5
34/ 33		. 5	• 1					$\vdash$		-			-	$\longmapsto$			1	5		19	27
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76/ 27										1	i							!		. 4	10
76/ 25		<del> </del> -		<del>                                     </del>				<del> </del>	$\longrightarrow$				├	+			+	<del> </del>			
27/ 19		i												1 1							1
TOTAL	2 -	53.2	21.1	16.5	и 5	1.	-	+ -+-		-	-		<del> </del>	+ +			+		946		846
1.186		2002	23.3	10.0	7.			1	,		+		]					846	,,,,	846	0.40
Element (X)		Zz,			Zx		<u> </u>	•		No. Obs					Mean N	o. of 1	lours wit	h Temperati	100		
Rel. Hum.			7487	_	697	77		12.03	14		46	= 0	F	≤ 32 F	≥ 67	_	≈ 73 F	≥ 80 F	± 93 t	,	Total
Dry Bulb			7938		471		55.				46	<u>_</u>		<u>- ₽</u>	11		• 4	<del> </del>	1	$\neg$	84
Wet Bulb			1967		447			9.57		8	46		$\neg \uparrow$	1.4	6	•2			1	$\neg$	3 4
Dew Point			5201		425			10.83			46		+-	4 . 4		• d		<del> </del>	+	$\overline{}$	84

GLORAL CLIMATOLOGY BRANCH UNAFETAC AIN MEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

STATION	<u>KE</u>	NNED	Y 50	ACE_	CENT	£R F	L			<u>69-</u>	<u>75,7</u>	3-81									F -:
STATION				51	ATION N	AME								YI	EARS					MON	eTH.
																		P 4 5	ר ז		LL
																_				HOURS (L	. S. T.
Temp.								EMPER										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	<b>a</b> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
87 27								. 7		• 1			[		T - 1			1	1		
6/ 65					• 3				•.7									2			
4/ 27						• 0		• 1	• 0	i '								10	1.0		
./ 91					•	• 1	• 1	• 1				1	1					74	24		
1 79				• 3	• 2	• 3		• 7	•					_				<u>.</u> 4	3.4		
1:1 77				• 2	• 5	. 3	. 2	• 1	• 0	• 1								9.1	91	1	
1 75		_	• 1			. 5	• 2	• 1	• 1	_								153	153		
4/ 73		0	• 6			• 6	. 1	• 1	. 1	•0	• 0				$\perp$			2. ے	2.52	i -	
71		. 3					• 3	• 2	• 0		• .							2 9 4	254	73	
1 69	• .	1.5	1.5			• 5	5	• 2	• 1	7		1						359	359	249	
·/ 67	• 2	2.7	1.5			• 5	• 3	• 1							I = T			452	452	379	
6/ 65	• 3		. 9	1.5	1.1		5	• 2	• ^	3					<u> </u>			544	544	439	
4/ 63	• 2			• 3	1.	• 5	. 4	• 2	• 1		• ^	1	i		1	İ		423	423	4 C U	3
1/ 51	1	2.3			• 8	. 4		- 3	_ • :									411	411	345	3
1/ 59	• 1	, 1	1.4		. 9	• 4	• 2	• 4	• 1			1	- 1		1	ļ		4 8 <b>7</b>	4 3 7	456	- 3
2/ 57	• 1							- 1										476	476	519	3
c/ S5	• 3							• 1				)	)		] ]	- 1		451	461	4 9 9	4
4/ 53	<u>• 2</u>						1	1										404	404	529	4
2/ 51	• 1		1.2			• 3	• 1	• 1	1			' {	ł		1 1	}		315	315	456	5
1 49			1.3	1.3	. 4	• 1	• 9											360	360	379	
:/ 47	• 2		1.2	1 1	• 2	1 1	• 3	• 1					ì			\		339	339	431	3
5/ 45	_ • 1		1.1			<u>•</u> g									<b>}</b> ————————————————————————————————————			272	272	409	
4/ 43	• 1		• 7	• 5	• 1			-				ļ	j		1			192	1 7 2	339	3
2/ 41	1				•													162	162	251	3
/ 30	• 1	• 1	• 1	• 4	• 1		- (	i	i	. 1		ł	- 1		ł /	}		86	36	2 . 2	3
c/ ?7	:		•3		_ <u>•</u>													73	73	123	?
c/ 35	• 1	• 4	• 3	• 1				ļ				ļ			l í	- {		5.5 2.4	5.5	92	1
1/ 31				<del>                                     </del>									-+		┝	+		24	24	- 62	<u>!</u>
1/ 31	• [	• 3	• 1	• 3	١ .			- )				. ]	J		]	ļ		11	24	32	1
5/ 27	•			<b></b>									$\longrightarrow$		<b>├</b> ─┼			+ 4	- + #	24	
b/ 25	• 1	• 1	[	. 1	ĺ	Ì	1	Ì	1			- 1	}			- 1		প্	q	1.4	
4/ 23		9				<del></del>						<del></del>	$\longrightarrow$		<del> </del>	-+			<del></del>		
2/ 21			ļ												[	- [		i	ļ	- 1	
ement (X)		Zx'			EX	<del></del>	T		<del>'</del>	No. Ob	. 1				Maga Ma	of Hou	wid	Temperat	ure l		
I. Hum.			<del></del>			-+-			+		-	± 0 F	1	32 F	= 67 F		73 F	- 80 F	- 93 F	7	Tetal
y Bulb			$\neg \neg$			$\dashv$			_				+-		<del></del>	+-			1		
at Bulb			$\neg \neg$						_		+		$\top$		<del></del>	+			<del>                                     </del>	1	
w Point						_							$\overline{}$						_		

USAFETAC FORM 0-26-5 (OLA) REVISO MENDUS TORIONS OF THIS FORM ARE OMOSTIFE

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ELIBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

STATION	KH	INEC	1 Y 3 P	ACE	CENT	E ? F	<u> </u>			64-	1.1	3-8.		YE	ARS					MOI	E .;
3121108				•														UAS	F "		
																		244	•	HOURS (L	L. S. T.
Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	<b>231</b>	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
7/ 19																		] - ]			
15/ 17				L	L													<b> </b>		L	
1:/ 15				1			1 '				' i	ł			1			}		1 }	
14/ 13			<u> </u>	<u> </u>	ļ		<b></b>	L			-			-						<b> </b>	
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		1	1	ł								}		' I	1			0130		1 0,29	
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lement (X)		Σχ'			z x	$\Box$	I	7,		No. Ob								h Temperet			
el. Hum.			0530		5161			16.6			68	= 0 F		32 F	≥ 67		73 F	- 80 F	. 93		Total
by Bulb			257		3963			10.2			68			4.0			53.3		7		6
fet Bulb			699		3670			9.4			68		-	7.0	12 37		1.1		┿		6
lew Paint		ISU.	38868	7 _	3414	04	ಾಚ.ಕ	10.9	<b>→ q</b>	01	68		- 1	41.8	_ 3 <i>[</i>	• 4	•	·i	ı		- 6

4 0.26-5 (OL.A) REVISED MEVIOUS EDITIONS OF THIS FOR

TAC 1014 0.34 \$ (0) A)

(A)

GLCPAL CLIMATOLOGY BRANCH USAFETAC ATR MEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

17780 KINNEDY SPACE CENTER FL 69-77,73-6 M A . HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 . 2 3 - 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 (F) 16/ 75 • 4 34/ <u>73</u> - 5 7./ 71 4 · 1 8 · 5 1.3 1.7 118 74 5.3 3.4 11 117 14.2 r 8/ 67 1.3 113 . 3/ 65 4.0 3.9 4, 2 r. 2 6.1 91 4/ 63 2.0 1.7 63 54 72 7 Z 51 76 / 59 95 35 5.4 2.2 • 4 : 57 94 7 7 43 63 **54** 5-/ 55 2.4 1.1 1.0 - 3 49 4/ 53 41 1.1 2/ 51 1.5 1.1 . 1 41 52 • 2 5 / 49 3.7 47 39 29 101 47 1.6 1. 24 34 46/ 45 14 25 14/ 43 - 1 . 3 2/ 41 15 1.51 79 • 2 . 2 6 761 5 34/ 33 1 9 2/ 31 20 \$1 27 / 25 928 TOTAL 4.353.325.910.8 928 928 Element (X) No. Obs. Mean No. of Hours with Temperature σžp = 67 F = 73 F = 80 F = 93 F Rel. Hum. 6349598 79079 85.210.947 10F ≤ 32 F Total Dry Bulb 3639134 57681 62.4 7.634 928 33.5 3346676 55230 59.9 8. 22 928 . 5 20.6 93 Wet Bulb 57.6 9.161 928 16.8 3152095 53413 Dew Point

0.26-5 (OL. A) BEWISE MEYIOUS EPITONS OF THIS FORM ARE DISCIPLE

AFETAC FORM 0.34.4 (O. A) MINIST

GLOSAL CLIMATOLOGY BRANCH USAFSTAC AIM WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

1 TORE KENNEDY SPACE CENTER FL STATION NAME 69-70,73-3 PAG5 1

																				HOURS	
Temp.							BULB 1							,				TOTAL		TOTAL	
(F)		1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	► 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
1:1 75			. 1		i i		]			ļ			ŀ	1 1	ŀ			1	1		
747 73		. 9	• 3															10			<u> </u>
71		2.2	۰۹	1						!			Ì					i a	1	3.4	
7 / 69	1 • •	8.0								<u></u>			L					115			
6 / 67	1.4	5.3	2.5	- 4	• 4					1			Ì	] [	1		ł	102			1
16/ 65	1.4				• 4						L		<u> </u>					9.9			
4/ 63	1.1	6.9	1.3	.9	• 4		]					1	l	1				103		G.	
2.1 51	. 6			. 9	• 3						L	<u> </u>						74			
/ 59	• f	5.0	1.8	1.4	• 3					}		ŀ					l	₹ 5		8.7	
5.1 57	. 4				• 1					<u> </u>	Ĺ							5.3			
5.7 55	• 5	3.1	• 3	- 4								l	<b>!</b>				Ì	46	4.5	6 3	
-1 _52	<u> </u>	4.2	1.1	. 4	7		<u> </u>			<u> </u>	Ĺ	Ĺ			1		Ĺ	(5		F. e	
3/ 51	• 2	2.5	1.3	1.7					j								l	46		4.7	
5 / 49		2.3		. 1	ŧ					<u> </u>					1			- 77		4	35
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4 / 37		. 3				_				]			}			·	]	] 3	3	٦	1.3
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7-/ 35		_											}		1			}			7
34/ 33		- 1							L		L								1		<u> </u>
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3.7.79							l														5
TOTAL	9.1	65.9	20.4	8.4	?•3		[		[	(		ĺ	ĺ	1 1	ì			ĺ	C 2 7		927
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														1-1							
Element (X)		ž <sub>x</sub> ,			Zz	_	X X	•,		No. Ot	<u></u>				Mean N	e, of H	ours wif	h Tempera	ture		<u> </u>
Rel. Hum.			7459		315	11		9 8			27	<b>± 0</b>	F .	1 32 F	≥ 67	_	73 F	= 80 F	· 93	F	Total
Dry Bulb			1697	<b>-</b>	563			7.7			27		+	. 5	25		1.1		<del></del>	$\neg$	٠
Wer Bulb			2019	1	544		58.7	8.0			27			• 6				<b>-</b>	1	_	9 3
Dew Point			162		529			8.9			27		-+		14				<del> </del>	_	9 3
				<u> </u>		-1	<u> </u>				لسنت										

Element (X)	ž <sub>X</sub> ,	ZX	X	₹ <sub>R</sub>	No. Obs.			Mean No. o	f Hours with	Temperatu	re	
Rel. Hum.	7257459	31513	87.9	9.851	927	5 0 F	1 32 F	≥ 67 F	≠ 73 F	= 80 F	≥ 93 F	Total
Dry Bulb	3481697	56361	6C.8	7.706	927		• 5	25.7	1.1			9 ]
Wet Bulb	3252019	54403	58.7	8.000	927		• 6	17.0			$\overline{}$	93
Dew Point	3101623	52981	57.2	8.915	927		.7	14.1				9.3

USAFETAC FORM 0.26-5 (OLA) NEVIND REVIDUS EDITIONS OF THIS FORM ARE OBSCILLE

GLUWAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

STATION	K.F	NNED	Y SP	ACE	CENT	ER F	`L			59-	70,7	3-6								MON	A re
STATION	-	_		51	TATION N	AME								YE	ARS						
																	_	P#5	E 1	HOURS (L	
Temp.						WET	BULB	TEMPE	RATURI	EDEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
~(/ 75			• 3												_			2	,		
74/ 73		1.0		. 3		ļ	<u> </u>	<u>L</u>	<u> </u>	ļ			L	<u> </u>			↓	25			
7 / 71	- · i	3.1	1.7	• 2	• 1				1						[	[	1	6.9	49	24	1
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- / 67	• 5	7.1		.6	• 2		ì	1	t			ľ		ł ·	l	1	ł	112		- 1	æ
67 65	1 • 3			• 3	• 9			↓	<u> </u>					<b>.</b>			<b></b>	15.7		107	1 -
4/ 67	1.0	4.7			• 4	• 1		1	1	)		1		ļ	}	j	ļ	4	! !	9.4	5
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/ :9	• 6		1		• 1	1											1	7.6	76	76	0
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-4/ 53	2					1 • 1	¥	<del> </del>	<del> </del>	+			ļ			-		24	44 36	5.3	- 6
27 51		1.8					ļ	1		i						ļ	Ì	36 20		3.7	
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lement (X)		ž x'			z <sub>X</sub>		X	•,		No. Ob	s. I				Mean (	No. of H	ours wit	Temperer	rure		
lel. Hum.			6941		800	195		11.			27	≤ 0		32 F	≥ 67		73 F	> 80 F	≥ 93 f	F 1	Teral
Dry Bulb		356	3767		57		61.	7.6	389		27			3		.6	2.7	1			٠,
Wet Bulb			4950		548			8.2			27			• 3		- 1					,
Dew Point		312	7581	i	531	43	57.	9.	371	-	27			1.4	1 5	• 4		1	[	1	9

USAFETAC FORM 0.26-5 (OLA) REVISE REVIOUS ERRICORS OF THIS FORM ARE OLD CATE

CLOPAL CLIMATOLOGY BRANCH COAFETAC ATT WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

STATION STATION # t 3+ 1

Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
( <b>F</b> )	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.8./W.B.	Dry Bulb	Wet Bulb	Dew Poir
4/ 27						• 1	• 1											.7	.7		
_/ 41			ĺ		<u> </u>	.4											<u></u>	ج	4	4	l
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7-1 77		i	.5	1 2.7	4 . 4	1.4	.6	• 1				i i		ł l				≠1	- 71		
75/ 75		• 1	2.6	4 . 2	2.5	1.8		• 1	• 7	. 2								117	117	1 7	.]
147 73		. 3	3.5		1.3	2.7	1.3	• 5	• 1									10.8	173		
/ 71	• 1	1.3	2.4	1.3	3.2	3.5	1.2	• +	• 1									126	126	2.4	_
7.1 64		.6	2.5	1.3			. 3	• 2	• 1									- 3	3	137	
-1 67		1.3	1.5	1.4	1.9	1.6	• ~	. 3	• 1			l l		1 1				° 1	. 1	4	1 .
6/ 65	. 1	1.4				.6	٠,	• 1		L							<u></u>	- 4	54		
4/ 63		. 4	. 9	1.3	1.4	1.3	• 1	• 7				. I						2	. ?	° ė	1 -
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1 37		3				. 2	• 2	- 1										2.7	2.3		
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Element (X)		Σχ'			ZX		X	₽ <sub>R</sub>		No. Obs						_		h Temperat			
Rel. Hum.			76620		625			13.6			30	≤ 0 1	<u>:</u>	± 32 F	≥ 67		73 F	- 80 F	→ <del>93</del>	F	Total
Dry Bulb			77178		643			7.2			30		$\dashv$		68		39.	2.	4	——	,
Wet Bulb			31901		584			7.6			30			• 3	35		4 - 1		<del></del>		93
Dew Point		322	22382	4	539	44	58.0	10.C	27	9	30			2.1	21	• Z	. 4	ll .	1	i	9.

USAFETAC FORM 0-26-5 (OLA) NIVIND MIVIDS IDITIONS OF THIS FORM AND OLD OFFIT

GLCPAL CLIMATOLOGY RPANCH USAFETAC AIR AEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

1. A. HENNEDY JRACE CENTER FL 69-70,73-50 -14. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.8./W.B. Dry Buib Wet Buib Dew Point 81 37 .6/ 35 • " . ₹ 41 27 1.1 1.3 3.3 1.3 1/ =1 1.0 1.7 7.5 4.4 • 4 145 112 145 5.7 1.9 • 1 • ! 14/ 7<u>7</u> 7\_/ 71 1.7 2.2 1.9 40 117 1.7 1.5 77 1,/+0 1.7 1.2 • <u>/ 6</u>7 6/ 55 1.1 1/ 51 5 4 7 • 1 • 5 • 3 1.3 • 3 1.1 54 57 € : 57 11 11 4/ 50 5 <sup>7</sup> • 1 2/ -1 --/ 47 11/ 45 • 1 44/ 43 21 41 7±/ 27 15/ 35 34/ 72 7 / 79 24/ 27 6/ 25 Σχ, Mean No. of Hours with Temperature 2 32 F 267 F 273 F 280 F 293 F Dry Bulb Wet Bulb Dew Point

TAC YORM 0.26-5 (OLA) thinke nervous terions or this role all obsoite

GLOPAL SLIMATOLOGY BRANCH CCAFETAC AIR REATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

1 1280 KEANEDY SPACE CENTER FL 69-70,73-8

STATION STATION NAME YEARS 1 c (-14) F & 35 TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Builb Wet Builb Dew Point • 3 • 1 ·1 3·4 4·313·322·422·717·7 9·9 5·3 1·7 7. ΣX, No. Obs. Mean No. of Hours with Temperature Element (X) \_\_\_\_ 93C 93C 552<u>61</u> 59.413.714 73.5 7.341 63.7 7.418 #67 F #73 F #80 F #93 F 76 6 55 7 15 0 3463477 Rel. Hum. 10F 132F Tetal Dry Bulb 5004580 67981 3836118 59330 930 37.2 6.9 Wet Bulb 53383 930 57.410.082 2.4 18.2 •1 Dew Point 3158663

RVISED MEVIOUS EDITIONS OF ã 0.26-5 (OL

GLOPAL CLIMATOLOGY BRANCH UNAFETIAC ATA BEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

Dry Bulb Wet Bulb	1 - 1	61	NNED	Y 50	ACL	CENT	E⊋ F	L			69-	75,7	3-5"								
Total	STATION				5	TATION N	AME								YE	Z ARS		10 # 1	1		
(F)	_														_					HOURS (	. 5, 1
	Temp.																				
3		0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 + 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew 1
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1 USAFETAC FORM 0.26-5 (OL.A) REVISE MEVIOUS EDITORS OF THIS FORM ARE ORGOSTER

CLOSAL CLIMATOLDGY BRANCH CRAFITAC AIT WEATHER SERVICEMAC

# **PSYCHROMETRIC SUMMARY**

1 1 2 2 2 STATION	Ϋ́	NNED	Y 5P	ACE	CENT	ES F	<u>L</u>			67-	7~,7	3-8		YE	ARS					MC	
								_			_					_		- (	· ·	HOURS	. = 1.70.
Temp.			,			WET	BULB	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)		1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 . 28	29 - 30	2 31	D.8./W.B.	Dry Bulb	Wet Bulb	Dew Poir
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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

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SLCGAL CLIMATOLOGY GRANCH USAFETAC AIR MEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

1 186 KENNEDY SPACE CENTER FL. 69-70,73-87 MONTH 94GE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 = 31 D.B./W.B. Dry Butb Wet Bulb Dew Point 7-1 17 • 1 2 • 3 34 7 3 -41 • 5 72/ 71 1:4 139 120 7 -11 ^ 139 7 / 69 7.8 113 4.9 1.2 4.5 -/ 67 6/ 55 .2 4.1 3.0 2.4 102 111 4.9 ė9 7 4 .1 3.3 1.2 2.3 1.4 59 1/ 61 1.8 • 9 45 / 59 45 1.1 57 ڻ ` 1.9 1.0 . 5 5: / 55 54 5-3.2 4/ 53 1.9 1.4 7 / nc 34 • 2 2 7 4 \$ • 3 13/ 47 19 11 i 1 4:/ 45 24 -2/ 41 • 36/ 37 5/ 35 34/ 33 • 1 2/ 21 TOTAL 1.247.627.814.6 7.0 1.3 930 93 Element (X) 930 267 F 273 F 280 F 293 F 654313 77273 83.111.487 ± 0 F s 32 F Rel. Hum. 59123 930 25.1 63.6 7.748 Dry Bulb 38144:7 60.4 8.100 930 Wer Bulb 3462571 56245 19.6

C NOBA 0.26-5 (OL.A) NIVISIO NEVIDUS EBITIONS OF THIS P

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SECTAL CLIMATOLOGY PRANCH USAFETAC AIR SEATHER SERVICE/MAC

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CLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

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Rel. Hum.		45.2	9536		565			16.5	35		32	1 0	F	1 32 F	× 67	F	≥ 73 F	- 80 F	• 93	F	Tetal
Dry Bulb			34648		4916			8.7			32						171.5		4		74
Wer Bulb			896		455			7.7			32				3 224		16.0		+		74
Dew Point		454	7276	<u> </u>	429	34	3/0/	9.5	<u> </u>		32			12.	5 144	) • d	• 5		٠		74

USAFETAC FORM 0-26-5 (OL.A) NIVIND MEMOUN TORTIONS OF THIS FORM AND OLD CATE

GLORAL CLIMATOLOGY PRANCH LRAFETAC ATH WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

1.384 KENNEDY CPACE CENTER FL 69-70,73-30 APE

STATION STATION NAME YEARS

PAGE 1 CENTER FL CENT

																			, i	HOURS	L. S. T.)
Temp.						WET	BULB '	TEMPER	ATUR	DEPRE	SSION	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Buib	Dew Pois
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FE/ 67	• 4					. 7	1	• 1	T	Ţ								133	133	ج ج ج	1
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14/ 63	• 2					• 2	• 1	ĺ	ĺ	1	1	<b>i</b>	İ					r 1	5.1	1	
A./ 61	•1	2.7	1.3	- 9						—	<b>-</b>						L	47	4 7		5.1
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Wet Bulb			5351		564			6.5			0.0		$\Box$		50		• 8		T -		4
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USAFETAC FORM 0.26-5 (OLA) MINICO MENOUS CONTONS OF THIS FORM ARE

3) (5) GLOBAL CLIMATOLOGY BRANCH USAFETAC AT- WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

STATION	<u> </u>	NNEU	¥ 5P	ACE.	CEN I	E · ← F	<u>L</u>			<u> 5 . − </u>	/U , / 5 -	8	<del>-</del>	EARS						P a
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-/ 67	5	6.2	4.0	1.9						+		_†_		+ —	<b>-</b>	<del> </del>	143	143		
6/ 65		6.4			. 3		ſ	] ]		1 1	1	i	1	i i		ł	45	95		
4/ 63	. 7	5.4	1.3	• 3	• 1					1 1							7 1	7 1	120	15
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Dry Bulb			2614		582			6.6			20		- 92 F		.1	4.3		† · · · · ·	+-	
fer Bulb			ŭ 6 3 6		557			6.6			<u> </u>				•6			<b>†</b>		-
Dew Paint			2783		54			7.4			70				.2	• 1		1		- 9

USAFETAC NOBA 0.26-5 (OLA) REVISO REVIOUS SOTIONS OF THIS YORK ARE OBSOLETE

USAFETAC NOM 0.26-5 (OL.A) REVIND MENTOUS EDITIONS OF INST NOM ARE OMORTE

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AIA	A E A	THFF	SERVICE	/MAC

# **PSYCHROMETRIC SUMMARY**

																		FAU	€ 1	HOURS	
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (	F)		_				TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 + 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poil
7-1 77			. 4	. 7	• 5	. 1	. 1											1.7	1 7		
767 75		.9	2.7		. 7	. 6								L		<u> </u>		(.:.	£ ?		
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71	3	5.9	4.9		2.1	1.4		• 1							l	<u> </u>		143			
7/09	• 6	6.0	4.0	2.0	1.3	1.5	• 1							1				139		_	1.2
- / 67	. 4	4.3			1.2	1.2	• 1	• 1						<u> </u>	<u> </u>			107			
6/ 45	• 4	4.3	2.1	1.4	• 5	. 3	<b>∮</b> • ⊃								1			. 2	3.5	•••	1
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Rel. Hum.			86.7		73:	11	81.9				00	£ 0	,	1 32 F	2 67		≥ 73 F	≥ 80 F	× 93	F	Total
Dry Bulb			1543	$\overline{}$	604		67.1			9	āc					• 2	16.	3	T		9 (
Wet Bulb			2379		570		63.4			9	ac l	_	$\dashv$			2.3	2 . 2		+-		9.0
Dew Point			2384		548		61.0		_		an l	_			24	. 9	• !		+	$\neg$	9.

69-70,73-8

## **PSYCHROMETRIC SUMMARY**

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STATION				51	TATION N	AME								•	EARS				- ,	MOI	
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7 / 59		.7					1.	• 9		ì	1		1		Ì	1	1	5.3			5
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eł. Hum.			5294		559			13.1			000	⊴ 0	F	s 32 F	≥ 67	_	≥ 73 F	= 80 F	• 93 1	F 7	Total
ey Bulb			9360		675			4.4			an l					٠,٦	67.9		0		"
fet Bulb			15616		596		66.		_	9	יני.					• 2	9.1	1			ÿ
Dew Point		337	778C3	i	546	, 79 _	66	7.9	13		22.0			-	7 27	. 9	1.1		1		9.

USAFETAC FORM 0.26-5 (OL.A) BEVISE REVIOUS EDITORS OF THIS FORM ARE OLECUTED

USAFETAC NORM 0.26-5 (OL.A) REVIED REFINOUS

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	VE	ETA	r		
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# **PSYCHROMETRIC SUMMARY**

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STATION	STATION NAME	YEARS		MONTH
			FAST 1	12 1-14.

Temp.							WET	BULB '	TEMPER	ATURE	DEPR	SSION	(F)						TOTAL		TOTAL	
(F)		0	1 - 2	3 . 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 16	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	0.8.7√.8.	Dry Bulb		Dew Point
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5.7			L	L _	i	L • 4	∴.2	≥ • 2		• 6	• 1	• 1				i		ĺ	. 6	6.5		
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TTAL		• 4	1.6	2.4	7.4	17.3	19.9	<u> 23.2</u>	16.3	6.2	3.8	1.3	. 3			_				વદ્		9
																			900		950	
Element (	X)		Z X'			ž <sub>X</sub>		X		$\neg \Box$	No. Ob	•.				Mean I	No. of He	urs with	Temperatu	170		
Rel. Hum.			365	7768		511		56.8				CC.	101	,	32 F	2 67		73 F	- 80 F	▶ 93 F		Total
Dry Bulb	T			2033		696		77.4	4.7	76		0.0				€ 7	• 9	75.1	31.6	5		7
Wet Bulb				2901		602		66.9				00	-					13.4				9.
Dew Poin	· T		333	C 759		542	71	6C.	8.0	43	9	00			• 3	22	•6	1.1		1		9.

Element (X)	Z <sub>X</sub> ,	ZX	· X	₹.	No. Obs.	<u> </u>		Mean No. of	Hours with	Temperature		
Rel. Hum.	3657768	51134	56.₫	13.027	9.0	10 F	± 32 €	≥ 67 F	≥ 73 F	- 80 F	• 93 F	Total
Dry Buib	5412037	69659	77.4	4.776	900			87.9	75.1	31.6		7
Wet Bulb	4652901	6C2C7	66.9	5.300	900			51.0	13.4			9.
Dew Point	333C759	54271	6C.3	8.043	900		- 3	22.6	1.1			9.

SECRAL CETMATOLOGY PRANCH LCAFETAC ATE WEATHER SERVICEZMAC 11 S: MENNEDY SPACE CENTER FL 69-75,73-57

4.16376

3352194

59946

65.5 7.854

### **PSYCHROMETRIC SUMMARY**

42.8

22.9

11.2

15 0-17 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point 10, • ! 16/ 8. • 3 • 6 • 1 1 7 2.3 . / 41 7.2 5.2 1.2 1.3 3 · 1 • 1 • 2 2.4 77 1 o G 1 o G .4 3.1 3.: 1 • ś • 1 • 1 160 • 7 • 1 14/ 75 1.9 7 • 3 1 • 7 1.1 1.9 3.6 1.1 101 . 4 · / 71 73 1:1 7 5 .1 +9 .9 1.1 . 1 . 9 .7 1. . 1 F. 4 145 • 3 • 7 1 67 124 . 1 • 1 61 45 • ì • 1 11 121 • 3 4/ 1 11 ŝć ဗစ် ۶.7 5:1 =5 71 4/ 50 4.6 4.9 . = / 47 4-7 45 4/ 43 -2/ 41 -/ (3 1.1 75 34/ 33 1/ 25 TTAL .4 ?.0 4.114.119.419.918.111.1 6.0 2.2 1.7 900 53640 53640 Zx, Element (X) No. Obs. Mean No. of Hours with Temperature 950 Rel. Hum. 3371466 ×67 F × 73 F × 80 F × 93 F ± 0 F ± 32 F 9 ( C 9 ( C 76.3 4.669 66.6 5.123 98.1 71.7 22.3 Dry Bulb 5253934 68636 Ç

₹ õ 0.26.5 4 5 5 5

Dew Paint

SLOSAL CLIMATOLOGY PRANCH o Safitac AT - REATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

3 P 1

1 1.8c KENNEDY SPACE CENTER FL MONTH HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 s 31 D.B./W.B. Dry Bulb Wer Bulb Dow Point (F) 6/ 35 4/ 53 • 1 2 . 1 • 3 1.2 13 1.7 1.9 • • 1 . 3.9 2.4 4/ 73 5. 5. 174 1.2 1.9 4.7 4.1 173 2.7 2.2 3.2 3.4 2.4 134 134 114 • 2 • 7 73 .9 1.0 6/ 15E 1. 1.6 • 6 45 40 12 4 G - 4 • 2 1 191 sö 5, 1 57 7.4 • 4 • 1 54/ 55 4/ 50 • 1 . 4 3.5 3/ 47 4-1 45 2/ 41 1. 1 36 7 / 77 4/ 31 TOTAL .1 9.227.323.219. 12.2 5.3 1.4 • 8 899 399 849 Element (X) No. Obs. Mean No. of Hours with Temperature 663 Rel. Hum. 71.913.209 4803133 64631 ≥ 67 F = 73 F = 80 F = 93 F 10F 132 F 76.3 Dry Bulb 4571942 63956 71.1 4.953 899 38.2 2 . : 65.2 5.502 3843163 58571 899 39.8 5.1 Wet Bulb 899 55059 61.2 7.411 26.0 Dew Point 3421387 1.0 ç,

69-7-,73-6

BEVISED MEVIOUS EDITIONS OF THIS FORM ARE OBSOLFTE 0-26-5 (OL A) 8 5 8 5

St.--AL CLIMATOLOGY PRANCH Unafetac Alv Weather Service/Mac

## **PSYCHROMETRIC SUMMARY**

STATION	۸÷	NNED	Y 5P	ACE	CENT	ER F	L			69 <b>-</b>	7~,7	3 <b>-</b> a '		YEARS						, O ,
STATION				S.	TATION N	AME								YEARS			2.4.5			
																پ <b>د</b>		HOURS	L. S. T.1	
Temp.										DEPRE							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 . 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2:	3 - 24 25 -	26 27 - 20	29 - 3	0 - 31	D.B./W.B.	Dry Bulb	Wet Bulb	Daw Po
7 / 77		1.0	3.1	1.5	•	1		,								1	49			
14/ 72		3.4	7.9	2.7			+			† -		<del>- †</del> -		+	1	+	1 7 5		1 :	<del>                                     </del>
7.7.71	. 1	3.9	4.7	4.4	3.2		• ?				l					1	15.8			. 4
1 69	• 3	4.2	3.8	4 . 2	3.2	2.3		, ,			I						144	1		
6/ 67	<del></del> ,	2.7	3 • 3	2.7	7.3		<del>]</del>	• 1		<del>-</del>				-	-	+	111	+		7
	• '	4 <b>4 •</b> 1	1.9	1.6	1		,	• :								1	56			1 , '
47 67 -7 61		2.2	1.9	. 7	1.1	_					†				<u> </u>	1	40	4:	7 - 7	7
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- / 55		• 4	. 7	• 2	• !		<b>!</b>			┼	+				1	+	1 5	1	7 1	4
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lement (X)		Z <sub>X</sub> ,			ž z	<u> </u>	I I	•	<u> </u>	No. Ob				Mace	Ma at l	Maura -14	f Tempera	itues.	<u> </u>	L
lei. Hum.			4388		71:	· c d		11.7			ar l	5 0 F	1 32 (		_	≥ 73 F	- 80 F	- 93	F	Tetal
Dry Bulb			5873		664		67.7	6.2	73		oc					19.		<del>† "</del>		G
Wet Bulb			9833		571			6.4			0.0				2 . 8	1.0				ç
Dew Point		337	4349		546	85	60.8	7.5	78	- 9	00			2 '	• 0	• 4	4			ç

SECKAL CLIMATOLOGY BRANCH LEAFETAC ATO WEATHOR SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

<u>17</u>380 KENNEDY SPACE CENTER FL 69-70,73-91 MONTH PASE ! HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 \_/ 89 8/ 97 c/ 55 • 1 • Z • 1 • 2 • 1 • 1 • 3 1 5 1 131 76.9 1.7 1.1 7 269 439 437 1.5 2.1 559 713 1.3 1.2 1.0 - 59 • 1 • 7 . F 3 6 3.3 2.1 336 1013 393 1.3 1.5 1.1 1010 736 1.1 2.7 ⋾. 7./ £9 . \$ 3.5 ε - 2 893 1 C - 3 733 1.8 1.2 • 5 ٠ • l ٠ 899 648 648 76€ 1 67 40 932 710 4.79 5. 2.2 753 4/ 63 311 3.1.1 69 i ·1 1.5 . 7 61 711 645 •6 211 E 56 . 5 • 1 • 3 • 1 59 666 591 492 1 1 1 1 2 70 131 349 / 57 1.1 70 255 / 55 1.0 4/ 53 378 188 • 2 • 5 • 1 ٠ 111 27 51 35 72 145 c / 43 6 5 27 / 47 71 4./ 45 . 138 -4/ 43 -2/ 41 **ΰ** . 4 7 2 / 37 2 ' • 1 14 / 35 3 - 1 1. / 27 `:/ 25 ZX' ZI Mean No. of Hours with Temperature

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No. Obs.

2 0 F

± 32 F = 67 F = 73 F = 80 F = 93 F

Total

THES PORM ABY BEVISED PREVIOUS EDITIONS OF (OL A) 0.26.5

0

Element (X)

Rel. Hum.

Wer Bulb Dew Point SLORAL CLIMATOLOGY BRANCH USAFETAC ATP MEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

STATION	MENNEDY SPACE CENTER FL.									24.	1 . 9 /	3-8			EARS					MO	p "
																		PAS	F `	Δ	LL
	· · · · · · · · · · · · · · · · · · ·																			HOURS	L. 5. T.)
Temp.	WET BULB TEMPERATU 0 1 - 2 3 - 4 ; 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 -																	TOTAL		TOTAL	
(F)	<u> </u>	1 . 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	4 . 2	15 - 16	17 - 18	19 - 20	21 - 2	23 - 24	25 - 26	27 - 28 2	9 - 30	<u>* 31</u>	D.B./W.B.	Dry Bulb	Wet Bulb	Dow Poi
T TAL		22.5	1 4 • 2	14.4	1200	111.4	1 1 1	] 4 • 6]	1.5	1 • 4	1 •4	•			1 1			7199	7179	<b>3</b> 3 4 6	/19
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Rel. Hum.		3956						16.4			99	= 0	F .	32 F				- 80 F	93 1		Total
Dry Bulb		3637	2742		5 89	83	70.7	7.3	3.3		99	<u>`</u>			553.	2 30	3.1	60.			7.2
Wer Bulb		3029			4648			6.1			99				307.	6 4	15.0				7:
Dew Point		2687	2948		4363	54	60.6	7.6	43	71	99			• 9	188.	7	5.0		T	_	72

USAFETAC FORM 0-26-5 (OL.A) REVISIO MENTOUS EDITIONS OF THIS FORM ART OMSOLETT

SECFAL CLIMATOLOGY GRANCH STAFETAC ATT WEATHER SERVICEMMAG

### **PSYCHROMETRIC SUMMARY**

STATION STATION NAME 69-70,73-8 PASE : HOURS (L. S. T.)

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Temp.						WEI	BULB	TEMPEN	ATUR	DEPRE	22IOH (	P)				T		TOTAL		TOTAL	<del></del>
(F)	0	1 - 2	3 . 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./ W.B.	Dry Bulb	Wet Buil	Dew Poin
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7-/ 77		- 3	1.8	1.0	• 1	<u> </u>	ļi			<b></b>					-	-	<del>                                     </del>	142		+	1
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	• 3	8.3 10.1	2.5	2.6	1.5		}			<b>├</b> ──				<del>                                     </del>		├	+	21.5			
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I TAL	1.7	44.0	32.4	15.7	4.3	1.6													975		923
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Element (X)		z <sub>x</sub> ,		-	Σχ	Ь——	X	·**	<del></del>	No. Ob				Ь	Meas	No. of H	laura wid	h Tempere	ture		
Ret. Hum.			4538		792	0 4		9.0			29	± 0 1	. ,	32 F	≥ 67		73 F	- 80 F	• 93	F	Terel
Dry Bulb		472	2114		661			3.9			29					•6	39.4		1	- †	9 .
Wet Bulb		433	5950		63		68.2				29		$\dashv$			. 9	11.7		<del>                                     </del>	-	\$ ;
Dew Point			4724		618		66.5				29					1.7	5.4		+	$\neg$	9 3

			1			$\bot$						
Element (X)	Zx'	Zx	X	₹ <u>*</u>	No. Obs.			Meen No. e	f Hours wit	Temperer	<i>y</i> re	
Ret. Hum.	6844538	79298	85.4	9.037	929	± 0 ₱	± 32 F	≥ 67 F	₽ 73 F	≥ 80 F	∗ 93 F	Terel
Dry Bulb	4722114	66137	71.2	3.982	929			81.6	39.4			9.
Wet Bulb	4335950	63348	68.2	4.189	929			65.9	11.7	1		9.1
Dew Point	4134724	61810	66.5	4.898	929			54.7	5.4	Ī		9.3

USAFETAC FORM 0-26-5 (OL.A) REVISIO MENDUS ERITONS OF THIS FORM ARE OBSOLITE

USAFETAC roam 0.26-5 (OLA) REVISE REVISES OF INSTORES OF INSTORM AND ORGOTES

GELBAL CLIMATOLOGY BRANCH GEAFETAC AIR AFATHER SERVICEZMAC

# **PSYCHROMETRIC SUMMARY**

ر ۾ ا	<u> </u>	MENNERY SPACE CENTER FL.								63-	-7c,7	3-8			EARS			···			L Y
3141104	STATION HAME													••				- A :3	7 1	HOURS (	
Temp.	WET BULB TEMPERAT									DEPR	ESSION	(F)						TOTAL	ī	TOTAL	
(F)	0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15												23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb		Dow Pos
7-1 77		.3 1.5 .2 .1									1							1			1
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747 73	• 9	8.8	4.7	7.1	• 7					Ĭ.		Ĭ		ſ				1+5			ذ .
71 71	• <b>ö</b>	13.2	7.4 2.7	1.7	<u> </u>	• 7	1			L		<u> </u>			L			.71			
1 / 29	• 9	15	2.7	1.		• '	3											1:0	1	1:	
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Rel. Hum.			3058		32·		88.2				3.0	⊴ 0	F :	32 F	≥ 67		73 F	- 80 F	- 93	F	Total
Dry Bulb			1796		647		69.6				31					. 4	24.7				7
Wet Bulb			4325		625		67.2				30		$\perp$			•1	7 . 8		$\perp$	<del></del>	
Dew Point		406	7548		613	31	65.9	4.9	83		37				46	. 9	4.1				٧.

USAFETAC FORM 0.26-5 (OL.A). NEVIDE REFOUR SEFECIAL OF THIS FORM ARE OMNOTED

CLEGAL CETMATGLOGY PRANCH L ATLIAC ATA AFATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

1 .03	<b>K</b> E	AFANEDY PACE CENTER FL								64-	75,7	3-3			ARS						<b>4</b>
STATION	STATION HAME												¥E.	ARS			FAS		HOURS		
Temp.		WET BULB TEMPERAT							ATUR	FDEPRE	SSION	E)						TOTAL	-	TOTAL	
(F)	0	1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15											23 - 24	25 . 26	27 - 28	29 - 30	1 + 31	D.B./W.B.	Dry Bulb		Dew Point
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1 67	9	5.1	2.7	.6														89 57		1n5	165
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Dry Bulb			5064		77 f			10.3 4.8			3 C     3 C	± 0 (		± 32 F	<b>*67</b>		73 F	> <b>80 F</b>		<u>-</u>	Total G:
Wer Bulb			4894		644			4 . 3			30		_	-	71		23.7		1		9:
Dew Point			1622		626			4.9			30		$\dashv$		60		12.8		+	_+_	9 2

CECHAL CEIMATOLOGY BRANCH U'AFETAC A'A REATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

1 185 MENNEDY SPACE CENTER FL. STATION NAME <u>69-70,73-80</u> PAGE 1 HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 · 2 | 3 · 4 | 5 · 6 | 7 · 8 | 9 · 10 | 11 · 12 | 3 · 14 | 15 · 16 | 17 · 18 | 19 · 20 | 21 · 22 | 23 · 24 | 25 · 26 | 27 · 28 | 29 · 30 | 8 31 | D.B./W.B. Dry Builb | Wet Builb | Dow Point 7 01 7 37 2.5 • 5 49 49 •6 2**•**5 115 115 2.1 2.3 3.3 9. 7.6 222 222 74 1.1 5.5 8.2 • 2 3.4 173 1.8 4.2 5.7 2.3 • 1 36 7 21 74 74 142 38 39 228 10, 1 - 8 151 72 -/ 67 148 o/ 55 56 122 68 39 12 5/ 57 5(/ 55 *5* 1 10 • 4/ 50 13 5 / 45 43/ 47 40/ 45 44/ 43 TOTAL 2.2 4.717.327.428.314.0 4.1 971 93 1. 930 930 X % 65.910.243 79.8 3.370 No. Obs. Mean No. of Hours with Temperature 61226 74216 Rel. Hum. 4128238 930 =67 F = 73 F = 80 F = 93 F 10 F 132 F 5933150 930 93.0 90.6 Dry Bulb 52.3 ς ? 4761643 66451 71.5 3.695 93C 82.4 41.3 Wet Bulb 9: Dew Paint 4215396 62424 930 10.8 93

0.26-5 (OL.A) REVISE REVISES EBITORS OF THIS FORM ARE DISCUSTED

SAFETAC NOW 0.24.5 (O) A) MINISTERIOR

SECRAL CLIMATOLOGY BRANCH C'AFETAC A'S AFATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1 08t KENNEDY SPACE CENTER FL

69-77,73-6

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Wer Bulb			9093		667		71.8		_		30		$\neg  o$		84		45.5				9
Dew Paint			6297		622		66.9	5.5			3 C				57		10.1	<del></del>	<del></del>		9

USAFETAC FORM 0-26-5 (OLA) BEVIND REVIOUS EDITIONS OF THIS FORM ARE OMBOSTED

SECOAL CLIMATOLOGY BRANCH USAFETAC ALF ABATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

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Dew Point		423	1275		625	39	67.2	5 • 3	21		3 ↑				58	• 9	11.0	1			Ģ

USAFETAC FORM 0.26-5 (OLA) BEVIND MENTOUS EDITIONS OF THIS FORM ARE OMNORTH

SECRAL CETMATOLOGY SRANCH G-AFETAC ATA FRATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

1 186 KENNEDY SPACE CENTER FL 69-70,75-8 18 0-200F PAGE 1

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Rel. Hum.			8579		70			11.5			3 C	= 0		1 32 ₹	× 67		≥ 73 F	- 80 F	→ 93 F	`	Total
Dry Bulb			2612		702			3.5			30					• 0	74.9				9
Wer Bulb			35926		65		70.1				)3C					• 7	25.4		1	L_	9.3
Dew Peint		422	20385		621	459	67.2	5.2	5 7		73 G				F 6 0	. 7	9.9		T		9 :

USAFETAC NOW 0.26-5 (OLA) RIVING MENDUS TORTIONS OF THIS YORK ARE OMBOSETE

CLORAL CLIMATOLOGY BRANCH USAFETAG ACH ACATHER SERVICE/MAC 1 -RG KENNEDY SPACE CE

# PSYCHROMETRIC SUMMARY

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Temp. (F)	0	1.2	3 . 4	5.4	7.8								22 . 24	25 24	27 20	20 . 20	22	D.B./W.B.	Dev Bull		Daw Peis
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Rel. Hum.		ი 3 3	2364		762			9.7			3 ೧	± 0 F		32 F	≥ 67	F :	73 F	≥ 80 F	e 93	F 1	Total
Dry Bulb		495	8691		672			3.5		9					3.5	•2	57.6	•	5		9.7
Wet Bulb			97:0		642			3.9			3 ^					• 8	17.2		L		7.5
Dew Point		410	9062		623	18	67.1	4.9	o d	0	30		$\neg$		F 6	• a	7.5				۶ ؛

USAFETAC FORM 0-26-5 (OLA) REVISIO REVIOUS EDITIONS OF THIS FORM ARE OLD CEEP

ু **়**  SECRAL CLIMATOLOGY BRANCH ESAFETAC Alm GEATMEN SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

1 TERE MENNERLY SPACE CENTER FL 69-70,73-3

STATION STATION NAME

PAGE 1 ALL
HOURS ILL. S. T. I.

Temp.											ESSION (							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Buib	Dew I
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4/ 43		1	• 1	• 3	1.4	1.7	1.1	∐ • 3	-3	<b>1 •</b> 0	• 1	• 7						3 - 3	3.33		
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79		. 1		3.7	2.5	3.2	1.1	• 7	• 1	• 1	• "	٠,٦						561	° ċ 1	2.3	]
7./ 77		• 5	3.1					<del></del>		•	<u> </u>							ა51	951		
5/ 75	•	2.2	4.4	3.6	1.2			ن • ا	. 1	• 1	• "	1		ľ				1012			_
4/ 77	2		4 . 3	_ 3 • 5			• 1			<u> </u>				<u> </u>				1051	1051		
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1 69	• 4		1.7	• 6				<u> </u>						L				566			
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Element (X)		z <sub>x</sub> ,			ž <sub>X</sub>		R	•,		No. Ob								Tempera			
Rel. Hum.		4474			5673			14.			39	± 0 l	<u>'                                    </u>	± 32 F	≥ 67 ( • 2 0		73 F	≥ 80 F	* 93 1		Total
Dry Bulb		4248			5605		75.4				39		$\dashv$				19.0			• 4	7
Wet Bulb		3642			5195			4.2			39		+				11.8		8	Щ	7
Dew Point		3350	0104		4977	0.3	66.9	5.1	. / 🖰	74	39				455	•u	71.6	1	1		7

GLCAAL CLIMATOLOGY BRANCH USAFETAC AII WEATHER SERVICEZMAC

# **PSYCHROMETRIC SUMMARY**

14/ 73 1. 7/ 71 1. 7/ 69 1. 62/ 67 . 64/ 67 . 14/ 61 . 1/ 59	1 - 2	3-4 -3 6-8 9-2 15-3 3-3 -8	5 · 6 • 3 1 · 3 1 · 1 2 · 6 • 6	7 - 8 - 2 - 5	WE1	11 - 12	TEMPER/ 13 - 14	ATURI	E DEPRÉ	7 9 , 7	F)	23 - 24		27 - 28 2	9 - 30	× 31	TOTAL D.B./W.B. [		162	Dew Poi
(F) 0 1.7 11 1.7 77 7 17 77 7 17 77 1 10 1 17 69 1 10 1 17 69 1 10 1 17 69 1 10 1 17 69 1 10 1 17 69 1 10 1 17 69 1 10 1 17 69 1 10 1 17 69 1 10 1 17 69	5.9 5.9 214.4 115.9 .411.7 .5.3 .11.3	6.8 9.2 10.8 3.3 .8	• 3 1 • 3 1 • 1 2 • 6 • 6 • 2	• 2	9 - 10	11 - 12	13 - 14	ATURI 15 - 16	E DEPRÉ	SSION (	F) 21 · 22	23 - 24	25 - 26	27 - 28 2	9 - 30	× 31	TOTAL D.B./W.B. (	Dry Bulb 6 1 1 1 4 2 5 7	HOURS (L TOTAL Wet Bulb	Dew Po
(F) 0  ( / 1 1	5.9 5.9 214.4 115.9 .411.7 .5.3 .11.3	6.8 9.2 10.8 3.3 .8	• 3 1 • 3 1 • 1 2 • 6 • 6 • 2	• 2	9 - 10	11 - 12	13 - 14	ATURI 15 - 16	DEPRE	SSION ( 19 - 20	F) 21 - 22	23 - 24 2	25 - 26	27 - 28 2	9 - 30	± 31	D.B./W.B. ( 5 1 1 · 4 2 · 7	0ry Bulb 6 -1 1 : 4 2 : 7	TOTAL Wet Bulb	Dew Po
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7 / 79 7 / 77 7 / 71 14/ 73 i. 14/ 73 i. 1/ 71 i. 1/ 69 i. 1/ 67 . 16/ 65 . 14/ 97 . 14/ 97 .	5.9 5.9 214.4 15.9 410.7 5.3 11.3	6.8 9.2 10.8 3.3 .8	• 3 1 • 3 1 • 1 2 • 6 • 6 • 2	• 2													5 1 1 · 4 2 · 7	6 - 1 1 : 4 - 2 5 7	1 5 2 1 6 2	
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76/ 71 14/ 73 i 5/ 71 i 5/ 69 i 6/ 65 14/ 07 14/ 07	214.4 115.7 410.7 5.3 11.3 11.3	3.3 .8 .6	2.6	• 5	3												25.7	28.2	162	3.7
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Element (X) Rel, Hum.	721	8371		2 x 903	704	80.1	6.4		No. Obs	0.C	= 0 F		32 F	#een No		73 F	= 80 F	# 93 F	<del></del>	Total
Dry Bulb		1341		67			3.1			55	= V P		34 F	98.		58.5			<del></del> '	9
Wet Bulb		4754		6.5			2.€			00	-	+	+	37.		+5.6		+	-+-	
Dew Point		69"0		641		71.1	2.6			30		+	-+	- 4 •		30.8		+	+	

USAFETAC FORM 0-26-5 (OL.A) REVISIO REVISIO PERIODIS OF THIS FORM ARE OLLOSTEE

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# **PSYCHROMETRIC SUMMARY**

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3.4				·														-45	. 1	HOURS (	- ( f
-		_				WET	BULB	EMPE	ATUR	E DEPPE	SSION	F)		•				TOTAL		TOTAL	
Temp. (F)	0	1 - 2	3 - 4	5 - 6	7.8								23 - 24	4 25 - 26	27 - 28 2	9 - 30	2 31	D.B./W.B.	Dry Bulb		Dew F
1 79	<u> </u>	• 1	_				11. 15			1								13			
7.1 77		6.3	4.0								İ			1 .	j		1	1'4	1.4	8	
76/ 73	• 3	12.5			4													178	198		
74/ 73		21.3			1		]			i								2.75	236		
77/71		14.7	.8			<b></b> -	1			1								1 - 1	1.1		
7 / 59		13.3															L	153	1 8		
/ 67	. 4	5.7	• 2	*														5.7	5.7		
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Element (X)		Zx'		<del>                                     </del>	z,	<u> </u>	Ţ	•	<del>' T</del>	No. O	. I	·			Mean N	. of 1	fours wit	h Tempera	lure		
Rel. Hum.			94228			524	91.7				0.0	≤ 0	F	≤ 32 F	≥ 67		≥ 73 F	≥ 80 F	+ 93	F	Total
Dry Bulb			541		65		73.1	3.2			Ör		$\neg$		87		55.		3		
Wet Bulb			5260		642		71.4	_		-	200		$\neg$		35	. 4	34.2	7	T	1	
Dew Paint			9317			538	70.6				326				81	. 1	24.6	,			

GLOPAL CLIMATOLOGY BRANCH USSETAC AIR WEATHER SERVICEZMAC

### **PSYCHROMETRIC SUMMARY**

1 1986 KINNEDY SPACE CENTER FL. STATION NAME <u>69-75,73-80</u> HOURS IL. S. T.I WET BULB TEMPERATURE DEPRESSION (F)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 231 D.B./W.B. Dry Bulb | Wet Bulb | Dew Point TOTAL Temp. ٠ -/ 23 • 7 3 • 2 1.0 . 4 / 91 14 119 265 7.3 5. • ' 27 15 297 7 / 17 5 • 1 7.6 .211.2 1 c 3 5 **.** 1 c 3 910.6 24 / 71 71 223 4.3 ./ 67 . 2 1.4 1.142.623.117.9 6.7 Zx' ž X No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 6715909 532,710 77359 900 = 67 F = 73 F = 80 F = 93 F ± 0 F ± 32 F 75.7 76.3 89.4 Dry Bulb 69100 4.134 900 56256 73.6 2.869 Wet Bulb 4885018 58.8 63.0 Dew Point

RVISED MEVIOUS EDITIONS OF 0.26-5 (OL A)

PORM AM OBSOVER

USAFETAC NOM 0.26-5 (OLA) RIVIDO MEYIDUS EDITONS OF THIS FORM ARE OLECULE

SECTAL CLIMATOLOGY BRANCH LEAFETAC ATA WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

STATION AFRNEDY SPACE CENTER FL. 69-75,73-81 7922-11c

Temp.						WET	BULB '	TEMPER	ATURE	DEPRES	SION (	F)						TOTAL	1	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8					17 - 18 1			23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Built	Dew Pain
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GEORAL CLIMATOLOGY BRANCH USAFETAC

ALE WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

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STATION STATION NAME

| STATION NAME
| STATION NAME
| STATION NAME
| STATION NAME 12-14 UND (L. 5. T.) PAGT 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 1.7 • 3 1. ? 4/ 93 2.7 • 6 ./ 89 7.0 3 • 3 ် ပ 4 • 4 - 7 • 6 3/ 37 1.4 2.5 6/ 85 7 • 8 192 192 • 7 210 4 . 4 3.8 106 54 1 11 5.8 106 1 79 7-/ 77 263 244 73 1 - 1 1.1 12 1.2 \_/ 71 132 1 67 17 6/ 65 4/ 63 17/61 / 59 TITAL · 2 · 4 3 · 1 13 · 13? · 925 · d1? · d 7 · 7 ? · 9 9... 900 Element (X) No. Obs. Mean No. of Hours with Temperature Ī ₹, 60026 9.296 900 ± 0 F = 32 F Rel. Hum. 4091148 66.7 = 67 F = 73 F = 80 F = 93 F Tetal 900 Dry Bulb 6474371 7626 84.7 3.668 97.0 89.5 84. 90.0 Wet Bulb 5206540 68426 76. 2.158 900 85.3 3.9

0.26.5 (OL A)

OF THIS FORM ARE OBSOLETE

Dew Point

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GLCMAL CLIMATOLOGY GRANCH USAFSTAC AIR AFATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

STATION STATION NAME 69-70,73-8" PAGE 1 1518-1711

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Temp.		,			, ,		BULB										,	TOTAL		TOTAL	
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Dew Point			7107		650	39	72.3	2.9			00				86	. 8	43.5	•	<del> </del>	1	90

Dry Bulb	6172893	74443 82.	7 4.136	900	9C•0	88.9	72.9	• 4	9
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USAFETAC FORM 0.26-5 (OLA) BIVIND MIVION IDITIONS OF INS FORM ART OMBOLITY

. 9 CLORAL CLIMATOLOGY BRANCH LSAFETAC ATR WEATHER SERVICE/MAC

TATION AENNEDY SPACE CENTER FL.

### **PSYCHROMETRIC SUMMARY**

WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb | Wet Bulb | Dew Point / 85 8/ 97 6/ 31 50 1.0 4.2 9.3 7.210.6 171 1 51 4.6 • 2 133 2°., 7-1 77 161 3.0 9.4 6.2 1.3 1 - 1 74/ 73 72/ 71 263 269 •4 6.2 •7 2.2 1.4 76 1 69 3/ 67 6/ 65 ۷ 4 4/ 63 9:, 1.419.127.932.612.8 5.4 Meen No. of Hours with Temperature Element (X) No. Obs. 80.2 9.119 78.8 3.528 536905 72214 900 247 F 273 F 280 F 5594012 70884 9 C C 89.9 86.3 38.3 Dry Bulb 74.2 4957177 66761 2.339 89.7 70.7 Wet Bulb 9 C a 72.1 2.678 41.6 4681989 64869 Dew Point

69-70,73-80

AC FORM 0-26-5 (OLA). HIVISTO REVIOUS EDITIONS OF THIS FORM ARE ONSOLETE

GLUDAL CLIMATOLOGY BRANCH USAFETAC AIR AEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

12888 KENNEDY SPACE CENTER FL. STATION NAME 69-70,73-6 PAGE 1

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(F)	0	1 - 2	_	-	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18 1	9 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	<b>≥ 31</b>	D.8./W.8.	Dry Bulb	Wer Bulb	Dew Poin
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Dry Bulb			6816		685	32	76.1	3.0	44		0		$\neg$		89	• 4	79.9	12.	4		90
Wet Bulb		481	3955		657	81	73.1	2.3	92	93	3C				89	. 1	57.4		1		9:2
Dew Point		44.3	7446	_	644		71.7	2.6	A 4	90			$\rightarrow$		85		35.3		1		90

USAFETAC FORM 0.26-5 (OLA) BEVIND MEVIOUS EDITIONS OF THE FORM ARE OMNORTHE

GLCGAL CLIMATOLOGY BRANCH USAFETAC ATA WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

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Wet Bulb			16470		5324			2.			200		$\Box$				520.1				7.
Dew Point		3718	7896	4	517	56	71.8	2.	799	7	200				684	. 8	311.4		2		7.

USAFETAC FORM 0.26-5 (OL.A) NEVIND REVINDAS EDITIONS OF THIS FORM ARE ORDORER

GLOSAL CLIMATOLOGY PRANCH USAFETAC ARR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

KENNEDY SPACE CENTED FL. 69-70,73-80 YEARS PAGE 1

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Wet Bulb			44.9		686			2.6			30						66.8			$\dashv$	9 3
Dew Point			9659		678		72.9				30		+		91		56.5		1		93
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USAFETAC NOM 0.26-5 (OLA) BIVIND MEVIOUS EDITIONS OF THIS FORM ARE OMNOTHER

GLCSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

1. TEC MENNERY SPACE CENTER FL 69-70,73-85 VFARS 13.14 - 15\_\_ Hours (L. s. T.) Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL .213.9 4.9 1.320.4 2.7 7:1 77 • 5 1 6 5 2 16/ 75 232 183 73 2. 19.1 1.2 1.712.4 .2 208 297 247 203 266 71 .6 6.1 .1 1.7 7 / 69 6.3 137 دَ 11 € 3 5 1 67 17 •5 •2 •2 22 :6/ 55 1 14/ 63 -./ 61 1 59 1 57 = - 177 - 114 - 7 93 Element (X) No. Obs. Mean No. of Hours with Temperature 7942C58 5181579 95822 69357 +67 F +73 F +80 F +93 F Rel. Hum. 92.1 4.895 93' 2 0 F 1 32 F 74.4 3.132 93 91.9 70.5 Dry Bulb 3.3 73. 2.78 58.1 67883 93 Wet Bulb 4962163 91. Dow Point 4868667

THIS PORM ARE REVISED PREVIOUS EDITIONS OF 0.26-5 (OL A)

<u>্</u>

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR AFATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

10:36 KENNEDY SPACE CENTER FL 69-70,73-8 MONTH CL-Calr HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point Temp. 87 93 167 95 167 1.8 3.9 ٦ ٢ 6. 1. 6.7 5.31:.5 79 174 174 1. 77 .411.7 .911.6 1.7 7.2 165 134 79 134 79 317 7 c/ 75 1.8 150 741 73 45 32 727 71 4 . . 45 136 6: 1 69 3.7 24 5-7 67 1.7 11 6/ 65 14/ 63 4 3.944.929.d15.9 930 93€ 971 935 Element (X) ¥ No. Obs. Meen No. of Hours with Temperature 86.8 8.251 78.1 4.055 7063321 80685 930 : 0 F 1 32 F ≥ 67 F = 73 F = 80 F = 93 F 93 5691190 72654 930 92.8 84.1 37.2 Dry Bulb 69957 75.1 2.792 930 92.2 77.8 93 5254555 1.0 Wet Bulb 91.3 73.9 2.691 930 93 70.2 Dew Paint 5080188 68690

TAC 108m 0.26-5 (OLA) 18"

REVIOUS EDITIONS OF THIS FORM ARE DESCRETE

# PSYCHROMETRIC SUMMARY

STATION	<u> </u>	NNED	Y SP	ACE	CENT	ER F	L			69-	70,1	3-50									NTH.
STATION				5	TATION N	AME								VE	ARS			# A G	Γį	0900	
						WET	BIII 6	TEMBER	ATILDS	EDEPRE	SSION	(£)						TOTAL		TOTAL	
Temp. (F)	٥	1.2	3 . 4	5.6	7 . 8	9 . 10	11 - 12	13 . 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	1 - 31	D.8./W.8.	Dry Bulb		Dew Po
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.4/ 63				<u> </u>		L					L	i	l				<b> </b>				
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Element (X)		Z g '	L		Ex	ι	<u> </u>		<del></del>	No. Ob	a. T				Mean N	le, of b	tours will	h Temperet	ure l		
Rel. Hum.			3847	_	64	21	69.7				3-	: 0 !	F	: 32 F	2 67		₽ 73 F	→ 80 F	+ 93 f		Total
Dry Bulb			36:4	<del>                                     </del>	791		85.1	2.	76		37			<del></del>	93		92.1			• 2	
Wet Buib			3154		718	376		1.			30				93		90.				7
Dew Point			4979		688		74.1	2.			30				91		74.3	•	-		۶.

USAFETAC FORM 0.26-5 (OL.A) REVISED REVIOUS EDITIONS OF INSTROME ARE OMNORER

<u>ඉ</u>

GLOPAL CLIMATOLOGY PRANCH LEAFETAC Al- MEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

1. -80 KENNEDY SPACE CENTER FL 69-70,73-81 USE

STATION STATION NAME

YEARS

FAGE 1 1\_ 0-14 S

HOURS (L. S. T.)

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Temp.				,	,				RATURE				,					TOTAL	ļ	TOTAL	
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-/ 43			ĺ	i	1	• 2		• 1	9 • 9	• 2	1			1	1	i		.24			
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18/ 97				1	4.5	14.	5	•	<u> </u>			<u> </u>		1	1	+		229	- 29	<del> </del>	
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71/ 71	• 1			1	!	t -	<del>                                     </del>	1	1	<del> </del>			<u> </u>	<del>†</del>	+	+-	+	7	-	1 1	
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4/ 63		1	-	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del>†                                      </del>	<del>                                     </del>	†	<del> </del>	<del> </del>			<del> </del>	+	+-	+	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>
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Element (X)		z,			Z X		T	1.		No. Ot					Mean	No. of	Hours with	Tempere	ture		
Rel. Hum.			9346		613		66.	9.1			30	± 0	F	± 32 F		7 F	≥ 73 F	≥ 80 F	• 93	F	Total
Dry Bulb			6330		9Ĉ5		86.				30					3.0	92.8			5 <b>.</b> C	9
Wet Bulb			0692		721			2.			30					3.0	90.6		4		,
Dew Paint		E 0.4	8614		686	1 14	73.	2.0	200		30		_		_	1.7	68.0		4		ÿ

GLORAL CLIMATOLOSY SRANCH GRAFLTAC ATR REATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

د ۶ د بر 1	KENNEDY SPACE CENTER FL	69-70,73-87		Jul
STATION	STATION NAME	YEARS		MONTH
			PAGE 1	15 0-17 HOURS (L. S. T.)

Temp.										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	<b>a</b> 31	D.8./W.8.	Dry Bulb	Wet Buib	Dew Po
15/ 45						1	• 1	•	• 3			I					I	7	7		
+/ 93						1	•		. 5	. 2	1 .1	1	<u> </u>			i	11	2	3.3		1
- / 91						. 6:	1.	1.1		• 4								40	4 0	,	
1 / 84					. 3	4.0	3.	1.:	1			1			1	i	l i	7.0	5.7	d.	l
18/ 87			• 1	• :	4.3	10.3	2.2	2	2									112	152		
·67 85			. 1	4.7	13.2			Á	{	[		[ '	1	ĺ	ĺ	ĺ	1 1	223	723	4	ĺ
4/ 23			• 5		5.4													1 - 2		4	
1.7 61		. 2				.6		ł.							į .			4.2	3.7	4.5	,
= 1 79		. 9	2.8	• 5	. 4	• 1			T.									46	+6	271	
7./ 77		1.6	2.2	. 4	• 2	4	1			[	1							4 1	41	374	1.
12/ 75	• 3	2.3	• 9	• 1													T	36	3.5	1 = 3	3.2
:47 73	• 5		. 1		1									1				_ 7	27	' 3	79
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1./ 67														1		1				1	
6/ 65								ł						l		ł	1 1		l		
47 67																					
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Element (X)		ZX'			ZX		¥	•,	L	No. Ob	<b>3.</b>			<u> </u>	Mean !	No. of H	ours with	Temperat	ure		
Rel. Hum.			4134		661			10.9			3^	± 0 1	F	≤ 32 F	¥ 67		73 F	> 80 F	• 93		Total
Dry Bulb			9488		786		84.6				30					•0	92.5	8∄•	3 2	• •	
Wer Bulb		552	9996		716	82	77.	2.	3 3 4		3~				9 3	• 0	89.0	10.	2		
Dew Point		509	4956		687	796	74.	2.	5 G <b>5</b>	9	30		$\neg$		91	. 9	72.7		3	$\neg$	

-. (OL A) HYNSD PREVOUS EDITIONS OF THIS FORM ARE OBSOLETE

ټ	L	ęβ	AL	CLIMA	TOLOGY	SRANCH
L	٢	ΔF	ET	4 C		
Ĺ	7		r.F	AT WEB	SERVICE	IMAC

# PSYCHROMETRIC SUMMARY

1 % de	MENNEDY SPACE CENTER FL	69-70,73-8	Jot
STATION	STATION NAME	YEARS	MONTH
		2456	1 1 5 . L - 1 . L

				_																	(L. S. T.)
Temp.						WET	BULB 1	EMPER	ATURE	DEPRES	SION (	F)						TOTAL	<u> </u>	TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	9 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wer Built	Dew Por
1.47 97						\	• 1	1		1				l i	1		t	2	7		ļ
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€/_ £7				_ :	1.3	1.0	• 1											. 4	_ 14		<u> </u>
6/ 35			- 2			1 - 4											l	7.2			
4/ 33			1.7	18.0	4.5	• 3	• 1											149			<u> </u>
/ 81		• 2		10.8						1 1					{			194			'\ '
1.75				5.2		• 5	- 1			$oxed{oxed}$								189	157	5.7	
7 / 77		4.3								i i				1				171			
70/ 75	• 4	5.1	3 . 3		• 1					L							ļ	4.7			
-4/ 73	• 6			1														f C	, ,	1 6	
/ 7:		1.0	• 1							<b>└</b> ┈┟					<u> </u>			1.0	13	74	
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121 67						<u> </u>				$\vdash$								<b>-</b>	<u> </u>		1 7
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18L				7.0		-				<b>├</b> ┼								<del> </del>	920		¢ 3
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Element (X)		Σχ'			Z X	Υ-	¥	7,	$\neg$	No. Obs	. 1				Meon I	to. of H	ours will	h Tempera	ture		
Rei. Hum.			8648		73	26	80.7		36		3	<b>±</b> 0	F	32 F	× 67	F .	73 F	- 80 F	- 93	F	Total
Dry Bulb			8245		746		80.3				3 -				53		91.9		6	• 2	- ;
Wet Bulb			4238		704	G2	75.1	2.2		9	30				93		23.3	2.	1		9
Dew Point			5166		686			2.3			30				92	-	69.9		. 2	+	9

5)

GLOBAL CLIMATOLOGY BRANCH UNAFETAC ATRILEATHER SERVICEZMAC

## PSYCHROMETRIC SUMMARY

STATION	K	NNED	Y SP	ACE	CENT	ER F	L			69-	72,7	3-8			EARS						يارار
STATION				51	FATIUN N	AME								ľ	LARS			PtG	Ε 1		-27 <u>-</u> L. s. f.)
Temp.						WET	BUL 8	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 20	27 - 26	29 - 30	2 31	D.8./W.B.	Dry Bulb	Wer Bulb	Dew Pois
3/ 27					• 1													1	1		
6/ 30 4/ 30				• 3	- 1	ļ	ļ			1			<b>-</b>	<b>∤-</b>	<b>-</b>		<b>↓</b> —	3	3	<u> </u>	<b>↓</b>
4/ 52		4.2	. 4	?•0	• 4	l,										1	1	7.7	1		
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7./ 77		11.7	7.5	1.2	4	''									1			1 +4			
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Dew Point			1115		68		73.2				30				<del>                                     </del>	.7	6C - 4		4-	$-\!$	-

USAFETAC FORM 0-20-5 (OLA) INVISTORINDUS EDITIONS OF THIS FORM ARE

GUSHAL CLIMATOLOGY BRANCH USAFRIAC A15 WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

1 196 KENNEDY SPACE CENTER FL STATION NAME 67-70,73-81

Temp.						WET	BULB	TEMPER	RATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pei
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USAFETAC FORM 0.26-5 (OLA) INVISIO NEVIDUS EDITIONS OF THIS FORM ARE DELICATED

SUCHAL CLIMATOLOSY BRANCH USAFETAC ATH WEATHER SERVICEMAC

## **PSYCHROMETRIC SUMMARY**

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## **PSYCHROMETRIC SUMMARY**

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SLCBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

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ry Bulb		5 n 2	283		727		77.6	4.	0.8		31				9	3.0	92.0	32.	2	$\Box$	ς
er Bulb	-	52 <b>2</b>	8541		596	99		2.7			30				9	1.3	77.0		1		9
ew Point			3361		686	49	73.8	2.5	34	9	30				1 4	1.6	68.8	<u> </u>			4

USAFETAC FORM 0.26-5 (OL.A) INFIND MEYOUS EDITIONS OF THIS FORM ART OLD CATEFUL.

CLORAL CLIMATOLOGY BRANCH CTAFETAC ATH REATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

1 -RU KERNERY SPACE CENTER FL STATION NAME 791.5-11. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 × 31 D.B./W.B. Dry Sulb Wet Bulb Dew Point 4/ 97 3.1 1.4 2.0 37 - / 39 . 7 8.12 .1 1.511.31 .1 343 **6**/ \_3 • 3 2.9 3.1 4.3 7-1 77 449 1.7 3 c 2 ±/ 75 14/ 73 - 4 71 114 31 937 3 3 ] TITAL ·1 3·1 5·925·236·923·0 4·6 930 930 Element (X) Mean No. of Hours with Temperature 66463 78773 7.174 Rel. Hum. 4797631 71.5 10F ± 32 F ≈ 67 F ≈ 73 F ≥ 80 F ≈ 93 F Dry Bulb 6678230 84.7 2.614 930 93.0 93.0 88.8 5578C39 77.4 1.625 93.0 92.4 72009 930 6 • 2 9 ? Wet Bulb 93.0 74.9 2.027 77.9 930 5158699 69239 Dew Paint

69-70,73-8

(OL A) 0.26.5 2 2 2 3

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION	A.E	NNED	Y 5P	ACE	CENT	£9 F	L			69-	70,7	3-80			ARS					A (	U1
STATION				•	TATION N	AME									ARS			PAGE	į	12 U	
																					3. 1.7
Temp.			r=-	r <del></del>		WET	BULB 1	EMPER	ATURE	DEPRI	SSION	(F)		100 00	In			TOTAL D.B./W.B.		TOTAL	
(F)	0	1 . 2	3 - 4	3 - 6	7 - 8	9 - 10	11 - 12		15 - 16		_	21 - 22	23 - 24	25 - 26	27 - 26 2	7 - 30	* 31		ry Buils	Wet Bulb	Dew Po
6/ 00				ł				•		• !	I	i i		1				4	4		
4/ 95				<del> </del>	<del>-</del>	<del>                                     </del>		•	<u>• 1</u>		<b> </b>			<b>├</b>	$\vdash$		<del>                                     </del>	27	- 3		
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I. Hum.			2304		631	78	67.9				31	± 0 1	F 1	: 32 F	= 67 (		73 F	- 80 F	≥ 93 F	1	Total
y Bulb			9145		901		86.2				30		<del>-   '</del>		93		92.8		_	• 9	9
t Bulb			4577		72						35				93		92.1				- 7
w Paint			0276		691		74.3	2.2			30				92		74.9			$\neg$	

1 USAFETAC rosm 0.26-5 (OLA) BEVISO REVIOUS EDITORS OF INS FORM ARE OSSOCIETE

ନ୍ତୁ -**>**  GLCHAL CLIMATOLOGY BRANCH U"AFETAC AIR WEATHIR SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

1 -8-	KENNEDY	SPACE CENTER FL	69+70,73-3		۸۳۲
STATION		STATION NAME	YEARS	PAGE 1	MONTH  15 0-17.  HOURS (L. S. T.)
Yemp. (F)			ERATURE DEPRESSION (F) 4   15 - 16   17 - 18   19 - 20   21 - 22   23 - 24   25 - 26   27 - 28   29 - 30   = 31	TOTAL D.B. W.B. Dru Bull	TOTAL Wet Bulb Dew Point

Temp.										DEPRES								TOTAL		TOTAL	
( <b>F</b> )	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	e 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
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7./ 9:1						. 2	1.1	٠										2.5	20		
/ 87					• 1	2.2	1.3	• 2	. 1									41	4 1		
3/ -7	i		l		4.7	10.0	2.2		• 1									158	153		
5/ 85			• 1	٠.,	16.	9.8	• 6	•										3.7	357		
4/ 43			1.5	<b>9.</b> 0	5.5	2.2	. 2							1				171	171		
/ 31		• 1	2 • 3	5.8														3.7	3.7	13	
1 77	í	• 5	2.9	. 9	ĺ	ĺ	i I		i	1 1		i		( )	ii		i	4.0	40	ź13	f.
7./ 77	• 2	1.9	1.2	. 3						T								34	34	4.6	100
16/ 75	<u>.</u> 4	3.0	1.0												ŀ			41	<b>4 1</b>	193	
'4/ 73	. 4	1.5		• 1														19	19	3.0	291
7.1 71	. 3													<u>L</u> i			L l	6	Ó	23	
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6/ 45																					3
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Element (X)		ZX			z <sub>X</sub>		X	<b>₽</b> g		No. Obs					Mean N	le, of H	ours with	Temperat	ure		
Rel. Hum.		497	6867		674		72.5				3 C [	⊴ 0 F	,	32 F	≥ 67		73 F	> 80 F	≥ 93 F		Terel
Dry Bulb		658	9911		782	C 1	84.1			9	3 🗅				93		92.3		8	• 5	93
Wet Buib		552	4221		716	5.3	77.3	1.9	76		3 n		Ţ		93		90.5		1	$\perp$	93
Dew Point		511	8704		689	66	74.2			9	30				92	.6	74.5	-			93

USAFETAC NOM 0.26-5 (OLA) RIVIND MEVIOUS EDITIONS OF THIS FORM ARE ORDICATED

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GLOBAL CLIMATOLOGY BRANCH USAFETAC ATT AFATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

11 - 34 KENNEDY SPACE CENTER FL. STATION NAME 69-75,73-3! TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dem Point (F) 1/ 91 8/ 97 • 3 • 5 1.5 1.5 -6/ 85 -4/ 83 2.3 .111.411.7 4.214.1 7.4 244 244 244 248 2] 2.7 • 3 1 79 4.214.1 1.3 133 276 373 65 31 7:/ 77 6.9 5.2 6.5 2.4 75/ 75 73 3.4 41 41 727 71 3 : 7 / 69 -1 67 1.122.235.629.5 9.4 6/ 65 T TAL 931 9 3 3 X 7.952 Mean No. of Hours with Temperature Element (X) No. Obs. Rel. Hum. 6333239 76389 930 79.9 3. 77 93 92.9 91.8 Dry Bulb 5927982 74194 54.6 92.9 86.7 75.6 1.942 \_ 3 5319394 70312 03: Wet Bulb 5075756 73.8 2.793 92.6 7C.8 63678 Dew Point

BEVISED REFINOUS EDITIONS OF THIS FORM ARE ORSOLETE 0-26-5 (OL A)

SLORAL CLIMATOLOGY BRANCH CHAFETAC Alia JEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

1 -86 KENNEDY SPACE CENTER FL 57-75,73-8 71. U-27. PAGE 1

									_												(L. S. T.)
Temp.		_			·	WET	BULB	TEMPER	ATURE	DEPRE	SSION	(F)		,	т			TOTAL		TOTAL	
(F)	0_	1 - 2				9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.			Dew Pai
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/ 79			17.3						L		ļ						L	281			
7./ 77		12.6			• 1	ļ				1				l				224			
_ 8/ 75		15.7			<u> </u>		l							İ	1			204	204		
14/ 73	• 8	11.	1.4	• 1														123	123	271	3.26
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Element (X)		Z X'			Σχ	$\Box$	X	_ <b>′</b> ,	$\Box$	No. Ob					Mean N	lo. of H	ours with	h Temperet	ure .		
Ret. Hum.		722	9101		817	99	88.0	6 • C	85		30	2 0 F		32 F	≥ 67		73 F	≥ 80 F	• 93 [		Total
Dry Bulb		554	1791		717		77.2				3↑		T		93		89.5		9	$\neg$	9
Wet Bulb		517	2246		693	30		2.0			30		$\neg$		92		78.9	•	1		97
Dew Point		E () 1	3016		682	F A	73.4	3 4	7 4		30				92		63.9		+	-+-	93

USAFETAC FORM 0-26-5 (OLA)

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#### **PSYCHROMETRIC SUMMARY**

1 286 KENNEDY SPACE CENTER FL STATION NAME 67-70,73-87 HOURS (L, S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | × 31 | D.B./W.B. | Dry Buth | Wet Buth | Dew Point .7 4/ 93 / F1 - / Er 1.1 • 3 1 • 2 • 2 • C 2.6 5.2 3.5 8/ 27 2 1.0 652 652 908 988 12 7 3.2 723 4.8 723 41 • • 1 650 3.1 5.9 2.6 961 961 891 ۷7 • 3 1036 7-/ 77 3.4 4.6 2043 5<u>2</u>7 978 2141 76/ 75 1.110.0 1.9 978 2347 708 310 136 14/ 73 7:8 1376 2432 1.6 7.4 13/ 71 .6 3.4 .2 1.5 310 635 1330 1 69 443 136 - :/ 67 2.5 3.2 177 • 3 • : -6/ 65 47 -4/ 53 3.434.519.614.913.910.7 2.8 744 144 Element (X) Σχ' ZX Mean No. of Hours with Temperature Ī No. Obs. 50695759 6°7937 595192 ±67 F = 73 F = 80 F = 93 F 81.711.706 80.0 5.192 Rel. Hum. 744! 10F ≤ 32 F Total 743.7 696.6 373.2 742.1 649.4 25.6 80.1 5.192 75.6 2.647 47815262 7440 744 Dry Bulb 1.5 Wet Bulb 42518474 562 94 744: 744 40443410 548268 73.7 2.333 738.8 543.3 744 Dew Point

NORM 0-26-5 (OLA) REVISE MEYOUS EDITIONS OF THIS FORM ARE ONSOLETE

ULCRAL CLIMATOLOGY PRANCH ULAFETAC ATR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

KENNEDY SPACE CENTER FL. 1 686 69-70,73-8 YEARS 1005-100 HOURS (L. S. T.) PAGE 1

											25005								TOTAL			(L. S. 1.)
Temp.			-				WET	BULB	EMPER	ATURE	DEPRE	SSION	P)	-		T			TOTAL		TOTAL	
(F)	<u> </u>	1 - 2					9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	U.B./ W.B.	Dry Bulb	Wet Bull	Dew Pain
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7:/ 77	• 2	12.2	<b>2</b> 1 .	• 1	2.4	• 4	1					ŀ				i		1	229			
16/ 75	1 • 1	18.6	4 3	• 4	• 2		<u> </u>				<u> </u>			<u> </u>	L	<b>!</b>	<b> </b>	<b>├</b>	208	207		
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7.1 71	1.7	8.	1										L		L	L		<b>└</b>	5.8	3.8		219
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Element (X)		Zx'		$\rightarrow$		Z X	<del></del>	Ī	-	┶┯╼	No. Ob	<u> </u>		<u> </u>	L	Meac !	No. of M	ours wie	h Tempera	ure.	Ь	
Rel. Hum.			285	<u>a</u> +		810	114	90.	6.2			CC	± 0		32 F	≥ 67		73 F	- 80 F	- 93	F	Total
Dry Bulb			<del>203</del> 887			682			2.8			30	_ = 0	-	: 32 F		9	78.6			<del>·                                    </del>	97
Wet Bulb			995			663		73.7				03					• 6	64.8		-1		
			795 755			655			2.2			00		-+-			. 9	54.3		+	_	90 90
Dew Point		4 /	133	0.1		0.33	4 (	1600	_ 4 • 4	34	`	<u> </u>				1 00	, • 7	370.	1			<u>,, , , , , , , , , , , , , , , , , , ,</u>

USAFETAC NORM 0.26-5 (OLA)

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GLORAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

17-95 KENNEDY SPACE CENTER FL. STATION NAME 69-70,73-80 MONTH TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 .4 2•2 1.2 2.2 2.4 .31 .4 6.1 1.2 1.917.8 3.3 .4 2.919.3 1.2 3.215.7 • š 1 € 6 166 143 6/ 75 299 229 111 ?11 262 1 69 1.9 6.0 71 145 1 67 6/ 65 i ÷ 17.367.417.3 4.4 966 Mean No. of Hours with Temperature Element (X) 267 F 273 F 280 F 293 F 3 G 3 68 5 4 6 91.4 5.688 74.6 3.044 900 900 7626639 5.688 Rel. Hum. 32691 ± 0 F ≤ 32 F 67179 5.22199 9. Dry Bulb 48.9 54.7 27.7 45.5 900 4793874 65646 72.9 2.5.8 91. Wet Bulb 72.4 Dew Point 4697238 64980 900

C FORM 0.26-5 (OL.A) REVISED REVISED REPORTS EDITIONS OF THIS FORM ARE OBSOITED

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CUCRAL CLIMATOLOGY PRANCH UNAFETAC ATH WEATHER SERVICIZMAC

#### **PSYCHROMETRIC SUMMARY**

																			_	HOURS (	L. S. T.)
Temp.		,						TEMPER.										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24	25 - 26	27 - 28	29 - 3	31 × 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poi
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GLCGAL CLIMATOLOGY BRANCH U1 AFETAC ATR REATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

1 198 KENNEDY SPACE CENTER FL STATION NAME 69-76,73-3 79 2-11. HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 • 31 D.8-W.B. Dry Builb Wer Builb Dow Point 5.31.7 5.317.7 1.714.711.3 6/ =5 286 275 7.2 2 - 6 275 7.7 3.2 142 4 . 3 142 7 / 77 2.3 47 1.6 765 143 . 3 / 71 1 59 / 67 47 63 91. 4.011.029.935.15.7 3.3 TITEL Element (X) Ŧ No. Obs. Mean No. of Hours with Temperature Rel. Hum. 4549204 65717 73.0 7.579 900 5 32 F 267 F = 73 F = 80 F = 93 F 91.0 89.9 91.0 38.2 Dry Bulb 6293464 75223 83.6 2.739 900 82.3 Wet Bulb 5315367 69145 76.9 1.867 900 Dew Point 74. 2.329 85.1 4932211 66593 69.2

BEVISED PREVIOUS EDITIONS OF THIS FOLM ARE OLSCIETE 0.26-5 (OL A)

GESTAL CEIMATOLOSY SRANCH LEAFETAC ATT WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1 -95 KENNEGY SPACE CENTER FL STATION STATION NAME 67-76,73-3 PAG= 1 12 6-141.1

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Dew Paint			8290		664	3.0	73.8	2 1	4	90				89		67.0			-+-	9

USAFETAC FORM 0.26-5 (OLA) REVINE MEYOUS EDITORS OF THIS FORM ARE OLDOSTER

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GLCGAL CLIMATOLOGY BRANCH USAFETAC ATT WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

12 CAL KENNEDY SPACE CENTER FL 69-70,73-80 15 0-170 Hours (L. S. T.) ₩ A G E 1

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Wet Bulb			1904		688			1.8			ůĊ				90		37.7				9.0
Dew Point		400	2164	_	663	2 4	73.7	2.1	7 //	Ö	00				89	-	66 · 1		11		90

Element (X)	Z <sub>X</sub> ,	ZX	X	₹ <u>*</u>	No. Obs.			Mean No. a	f Hours with	Temperature	-	
Rel. Hum.	4881476	65956	73.2	8.343	900	2 Q F	± 32 F	≥ 67 F	≥ 73 F	* 80 F	* 93 F	Total
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Wet Bulb	5271904	68862	76.5	1.844	90C			90.0	37.7	2.8		
Dew Point	4892164	66326	73.7	2.170	900			89.7	66.1	• 1		

USAFETAC FORM 0.26-5 (OLA) HEVIED PREVIOUS EDITIONS OF THIS FORM ARE OLDICATED

CLOBAL CLIMATOLOGY SRANCH L"AFETAC ATH WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

1 58C KENNERY SPACE CENTER FL. 69-70,73-80 YEARS 1675+270... PAGE 1

Temp.										DEPRE								TOTAL		TOTAL	
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Wet Bulb			1099		675			1.3			50 1		+-		90		82.3			+-	9
Dew Point			4713		660		73.	2.1			00		<del></del>		89		62.0		+		9:

USAFETAC FOLM 0.26-5 (OLA) RIVINO REVIOUS EDITORS OF THIS FORM ARE OLD OF ER

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GLOBAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

57.5

13:96 KENNEDY SPACE CENTER FL STATION NAME 67-70,73-37 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 \* 31 D.B./W.B. Dry Builb Wet Builb Dew Point ./ ai / 79 .3 3.3 2.714.8 4.3 73 217 11.712.2 3.7 245 217 7-/ 77 245 76/ 75 217 9.9 1.2 345 74/ 73 251 110 • 1 110 . / 71 115 2.1 34 34 ' / 69 4 : / 67 .6/ 55 14/ 63 TITAL 2.243.737.415.3 1. Element (X) ·, No. Obs. 900 267 F 273 F 20 F 293 F 90.0 86.2 17.2 Rel. Hum. 6869914 37.1 6.498 # 0 F ± 32 F 5355133 69387 77.1 2.502 9 Ú C Dry Bulb 74.3 1.978 9 G C 90.0 74.8 4971215 66869 Wet Bulb

65731

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0.26-5 (OL A)

Dew Point

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## **PSYCHROMETRIC SUMMARY**

12585 KENNEDY SPACE CENTER FL 69-70,73-87

STATION STATION NAME YEARS

PAGE 1 ALL
HOURS (C. S. T.)

Temp.						WET	B111 B	TEMBE	ATUR	DEPRE	SION /	E.\						TOTAL			
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Wer Bulb			7572		5406		75.1	2.5		720	10		+-				09.5			• 1	72
Dew Point		3868			5274		73.3	2.3		721										-	
DEW FOINT		3000	1601		3 <u>4</u> / 4	7-1	1303	_	79	12	. U				712	<u>• 4</u>	80.9		+		720

USAFETAC FORM 0.26-5 (OLA) REVISED MENTOUS EDITIONS OF THIS FORM ARE OMNOTER

GLOPAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

1782 FINEDY SPACE CENTER FL 69-70,73-8:

STATION STATION NAME

PAGE 1 CODU-72007
HOURS ILL S. T.I.

Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	<b>* 31</b>	D.B./W.B.	Dry Bulb		Dew Peint
4/ 93					• !													1	1	1	
127 81		• 2	- 1		• 1								L					4	4		
: / 79		• 3	1.7	1.9	• 4	• 2												4.7	4.	4	1
75/ 77		1.2	3.9	5.9	3.7	1.0	• 1				_						l	146	146		5.
76/ 75	• 1	5.1	3.1	4.2	2.3	• 9	• 2											146	146	5.3	
74/ 73	• 1	6.9		2.9	• 8	1.6	• 2											161	161		
7./ 71	• 3	7.6		1.1	1.5	.5	• 2											129	129	181	124
71/ 69	. 4			• 5			<u> </u>											94	94		
-37 67		2.5	1.6	• 9	1.1	- 2												58	58		
167 65	• 2		• 9			L												3.8	3 8		
-4/ 53		1.3		• 2														1.5	19	66	
12/ 61		1.5	$\overline{}$															18	1.8		
/ 59		1.5				• 1												17	1 7	3.3	1
T3/ 57		1.9		- 4	• 1	<b>.</b>				<b>.</b>								25	2 5		
55/ 55		• 8	4	- 2														1 2	1.2	14	4.5
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12/ 51		• 3								ĺĺ		i i		1 1				3	3	16	
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4 / 79				-						<b>├</b>								1 4			1
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Element (X)		Σχ'			Ex	$\top$	7	•	┰	No. Ob	. +				Mean N	le. of H	ura wis	h Temperat	ure		
Rel. Hum.			4749		764	64		11.3	a1		29	≤ 0 €	, ,	32 F	≥ 67	-	73 F	- 80 F	+ 93	F	Total
Dry Buib			9892		663			6.5			29		_		7 6		49.9			1	. 7
Wer Bulb			2931		628		67.1				29		_		6.2		18.3		+	$\dashv$	<del>- ,</del> :
Dew Point			C244		609		65.6				29				51		10.2		†		77
															_			•			

USAFETAC NOBM 0-26-5 (OL A) REVISIO REVIOUS EDITIONS OF THIS FORM ARE ORDOCETE

USAFETAC FORM 0-26-5 (OL.A) RIVIND MEYIOUS EDITIONS OF THIS FORM AND OUTCOME.

SLIPAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

11:-86 KENNEDY UPACE CENTER FL. STATION NAME 69-70,73-8 PAGE 1

Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9.10	11 . 12	13 . 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	10 = 31		Dry Bulb		Dew Poi
97.83	<u> </u>		-	-	• 1					· · ·		-					<del></del>				
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16/ 75		4.5			2.5	1.1	• 1										+	149	149	42	i .
74/ 73	. 1	l				. 6							ł		) /		1	146	146	117	- 8
7/ 71	• 2									-					-		<del></del>	125	125	142	164
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1 67	. 4					. 4											1	€ 1	6 1	123	د 1
6/ 65	. 6					) '												60	60	79	1
4/ 63						<b>—</b> —												34	34	76	7
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1 57	•	1.7	1	I		}		l J		] ]		J	J					19	19	16	3
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75/ 35					1	Ţ	]			] - ]			Ţ								
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Element (X)		z <sub>X</sub> ,			Σχ		X	· **	-	No. Ob					-		Hours with				
Rel. Hum.			5074	<u> </u>	782			11.5			30	:01	-	32 F	≥ 67		≥ 73 F	- 80 F	▶ 93 F		Total C
Dry Bulb			1367		654		70.4				30				73		42.2	•	٩		- 9
Wet Bulb			2781	<u> </u>	623		67.1	6.2			30		<del>-</del>		59		16.5		+		9
Dew Point		399	8765	5	606	51	65.2	6.8	5Q	9	3 C				48	• 3	10.6		1	1	9.

GEORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

STATION STATION STATION NAME 69-70,73-80 YEARS ne 15-1311 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Butb Wet Butb Dew Point 4/ 1 1.5 1.6 3.3 1 79 56 5.6 7 1/ 77 3.4 2.4 75 2.7 141 141 - - 1 4.1 4. 1.1 • 1 t b 74/ 73 138 1.3 7.3 138 7.7 2.6 • 9 1.4 108 125 178 129 1 69 4.9 13+ 54 64 113 - ./ 67 3 . 4 1.4 E = 5.6 56 76 6/ 65 7 t. 47 63 2.4 • 1 • 1 7 c 77 59 51 1 à .9 18 / 57 5./ 55 4/ 53 Z/ 51 5\_/ 49 10 4 - / 47 6 46/ 45 44/ 43 42/ 41 4 / 79 2.443.419.215.513.4 4.8 1.3 93. TOTAL 930 ã ĝ 0.26.5 2 2 2 3 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 6509899 77 C 82.912.016 10F ± 32 F ±67 F = 73 F = 80 F = 93 F 71.9 6.366 67.8 5.989 930 75.7 48.0 4788333 3.8 66467 Dry Bulb 4316959 6373 930 9 62.1 19.2 Wet Bulb 930 9 : Dew Point 4063651 61159 65.3 6.699 51.6 11.8

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

						WET	BUIL B.	EMPE	ATURE	DEPRE	SSION (	F)					_	TOTAL		TOTAL	
Temp. (F)	0	1 2	2.4	5.4	7.0	9 10	11 . 12	12 14	15 14	17 . 18	19 - 20	21 - 22	23 - 24	25 . 26	27 . 28	29 . 30	<b>a</b> 31		Dry Bulb		Dew Point
- / 89		1.2	3.4	3.0	<u>'                                   </u>	7 - 10	11 - 12	• 1		17 - 19	17 - 20	-1		23 - 20		27 00		1	1		-
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6/ 47		<del> </del>	<del>                                     </del>	• -		-1	• 1			. 1	-			<del>                                     </del>	-		<u> </u>	71	2.1		
4/ 93			. 2	1.4	4.1	5.1		• 5		1		i i		ĺ	(		(	124	, -,		Í
7 82			.8	4.4		5.9		• 5	. 1									1 0 8	158		
1 79		. 1	2.3	4	4.5			. 4		1		l J		Į	]	)	)	167		3	4
7:/ 17		1.1	2.6		3.4	3.8		• 4	• 3					<u> </u>				158	158	5.6	
76/ 75		. 9	1.6	1.8	2.4	3.1	1.2	.1				, ,			i		i	103	103	128	4.7
4/ 73		1.7	1.2		1.1	1.3		• 2	<del></del>									٤9	5 7	209	97
7.7 71		1				. 5		• 2										44	44	154	142
7./ 69		• 1	. 5	. 1		1.5		• 3										24	Ž٤	117	
1.1 67			4			. 1	í					L l						1 C	_1q	9.2	
6/ 65			• 1		• 7	• 1												9	9	70	£ 7
4/ 63			<u>l</u>	L	1			L						L				1	1	4.2	
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Element (X)		Zz'	<u> </u>	-	Z X		<u> </u>	•,	$\vdash$	No. Ot	. 1				Mean I	to, of H	ours with	Temperat	ture		
Rel. Hum.			7562		631	6.5		11.4			29	201		: 32 F	≥ 67		73 F	≥ 80 F	≥ 93 F		Total
Dry Bulb			9534		727		78.3				29						83.6				93
Wet Bulb			8302		657		70.7	4.7			29		$\dashv$		76		39.9			+	93
Dew Point			206	<b>-</b>	618		66.6		_		29		-+-			• 5	14.6			+	93
				<u> </u>																	

USAFETAC NORM 0.26-5 (OLA) REVISE RETIONS EDITIONS OF THIS YORK ARE OSSOUTE

GLCEAL CLIMATOLOGY GRANCH USAFETAC ATT MEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

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ے ہے ۔ STATION	<u> Kż</u>	NNEE	Y 5P	ACL	TATION	I AME	· L			69-	10,1	د		YEARS					MO	C T
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Temp.				•		WET	BULB	TEMPE	RATURE	DEPRES	SION (	*)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 23	- 24 25 -	26 27 - 28 2	9 - 30	<b>a</b> 31	D.B./W.B.	hy Bulb	Wet Bulb	Dew F
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el. Hum.		358	369 7		591	109	63.0	11.8	355		30	± 0 F	≤ 32 F			73 F	⇒ 80 F	• 93 F		Total
y Bulb			79915	1	744		80.		139		3 "			92.		89.0		1		
et Bulb			26711		561		71.				30			79.		41.8		4	$\bot$	
lew Paint		412	25253	3	616	631	66.	6.6	4 1	0	30		I	54.	. Al	14.4	i	1	- 1	

USAFETAC FORM 0.26-5 (OL A) SEVIND REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECRAL CLIMATOLOGY PRANCH UNAFETAC A15 WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

11-8: KENNEDY SPACE CONTER FL 69-70,73-3"
station Name 15 6-17c P465 1

Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	<b>2 31</b>	D.B./W.B.	Dry Bulb	Wet Buib	Dew Poin
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4/ 95				1.9	3.1			• 4		Ì							1	c 6	96	1	
/ 11	• 1		• 3	3.9	5.3	3.4				• 1	• 1			L				150	150		1
/ 79		. 4		5.2	4.0			• 3										1 6 4	1 3 4	1	4
7./ 77		. 6			5.3	2.7	2.5											1 ∃ 3			
767 75	. 1	1.2	1.6			3.7	• 9	• 3		• 1								123			3 ا
74/ 73		2.2	1.0					• 2	• 2						$\vdash$		-	+ 2			
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TTAL		5.7	9.8	18.4	25.7	21.3	12.4	4.7	1.3	. 3	. 1			1					937		938
=+						-											·	930		935	
				-																	
	-																				
Element (X)		Σχ'			z x	$\vdash$	Ī	₹,		No. Ob	9. T				Mean N	lo. of H	ours wit	h Temperet	ore		
Rel. Hum.			7636		627	90		12.2			30	≤ 0 (	F	32 F	≥ 67		73 F	> 80 F	• 93	F	Total
Dry Bulb			7619		728		78.			9	3 C		$\neg$		92		85.3	38.	1		93
Wet Bulb			1634		656		70.6			9	30		$\neg$		76	• 5	36.5	•	1	1	93
Dew Point			2496	-	617			6.4			30		o		52		13.2				7.3

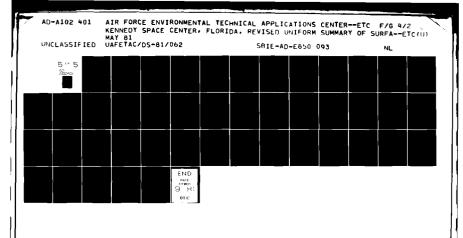
Wet Bulb		405	1639	7	כס	638 706		6.			93C 930			76 • 52 •			4		
Dry Buib			7615			827		3.9			930			92.				_	
Rel. Hum.			7636			790		12.			930	± 0 F	± 32 F	≥ 67 F	a 73 F	> 80 F	+ 93 F	• [	Tetal
Element (X)		žχ'			ZX		X	•,		No. O				Meen No.	of Hours wit	h Temperat	ure.		
	<u>'</u>																		
																930		935	
TTAL	• 1	5.7	7.8	18.	925.	21.	312.	4.	1.	•	1 .1						937		9.
4 / 39				†	<del>†                                      </del>	<del>                                     </del>	+	-	<del>                                     </del>	+	<del> </del>			<del> </del> -	<del></del>	-			
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CLIPAL CLIMATOLOSY BRANCH UPAFLITAC A.A. WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0.26-5 (OLA) REVISED REVIOUS EDITIONS OF INIS FORM ARE OLDIORER



GLOBAL CLIMATOLOGY BRANCH UNAFITAC ATT WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

CCT 1 LRE KENNEDY SPACE CENTER FL

Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
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6/ 65		1.8																36	36	3.	
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USAFETAC FORM 0.26-5 (OLA) BEYIND REFIGUS EDITORS OF THIS FORM AND CABOLITE

SLOPAL CLIMATOLOGY RRANCH USAFETAC ATR AEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

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USAFETAC FORM 0-26-5 (OLA) REVISE MEYODIS SOFTIONS OF THIS FORM ARE OSSIGNED

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GLIBAL CLIMATOLOGY BRANCH USASETAC ASS WEATHER SERVICEZMAC

## **PSYCHROMETRIC SUMMARY**

1 36 MENNEDY SPACE CENTER FL 69-77,73-8"

STATION STATION NAME

PAGE 1 CCCC-32.
HOURS ILLS. T.J.

Temp.						WET	BUL	8 T	EMPER	RATU	RE D	EPRE	SSION (	F)			-				TOTAL		TOTAL	
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51/ 58 4/ 53		1.4		. 3							$\perp$					<u> </u>	$\perp$				24	24	4 (	3
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Wet Bulb			3681		548				8.6				ac		-+		•	27.6		2.4		+	$\rightarrow$	ç
Dew Point			164		530				9.7		-		00		-+	<u>:</u>		21.4		1.2		+-	_+_	9

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3735230	57454	63.8	8.665	900			44.7	11.5			
3413681	54875			900		- 3	27.6	2 • 4			
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GLC3AL CLIMATOLOCY BRANCH UCAFETAC ATS WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

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1 USAFETAC FORM 0.26-5 (OLA) REVISE MENDES IDITIONS OF THIS FORM ARE OMNOTED

କ୍ୟୁ - GLCMAL CLIMATOLOGY BRANCH L'AFETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

17:80 KENNEDY SPACE CENTER FL

69-70,73-8

NO V MONTH

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USAFETAC FORM 0.26-5 (OLA) RIVIND MEYOUS EDITORS OF THIS FORM ARE OLDOSTER

USAFETAC

CLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0.26-5 (OLA) BRYND MEYIOUS EDITORS OF THIS YORK ARE OBSOLFTE

GLORAL CLIMATOLOGY SPANCH LIAFETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

N C V 1288 KENNEDY SPACE CENTER FL STATION NAME 69-75,73-8 1 ( . L - 1 4 c PACE 1

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		4.8 6	5.715.	92.4	27.1	15.4	5.0	2.1		-		ļ	1	j	] ]		900		900
	••			4660	-	* 7 0 4	2.9		<del>  ••</del>		-+		+-	+	<del>                                     </del>	900	- ' ' '	91.0	
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Element (X)	ZX	,		Z x	$\Box$	X_	_ * <u>,</u>		No. Ob	.			Mean	No. of H	lours with	h Temperati	UTO		
Rel. Hum.		37366		567			12.9			00	± 0 F	# 32 F			73 F	- 80 F	× 93 1	-	Total
Dry Bulb		49629		565			6.8			00				- 6	59.9		9		- G
Wet Bulb		39152		590	111	65.6	7.1	6.4		aa l				_				$\overline{}$	
Dew Point			966		- 1		4	⊎ u	7	u ti		}	J 4.	9.5	12.6	1		1	90 <b>9</b> 0

USAFETAC FORM 0.26-5 (QLA) REVIND REVIDUS TORIGINS OF THIS SOLM ARE OLD OLITE

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(OLA) .	
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SLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC ATR WEATHER SERVICE/MAC

STATION	KE	NNEO	Y 5P	ACE	CENT	ER F	L			69-	75,7	3-8			ARS					- t <sub>v</sub>	L V
STATION				•		AME									AN.3			FAG:	1	15' -	
Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb		Dew Pai
67 85							• 1											1	1		
4/ 23			L_	ļ	• 1	• 2		• 1	• 1								<u> </u>	9	9		
7/31			• 1						• 1						ĺ		[ '	2.9	5.0		
/ 19		<u> </u>	• 7		2 • 3		. 9						ļ	<b>↓</b>			<u> </u>	71	7 1		
7:/ 77		١	1.8					1		ĺ			ľ	ii			1	110	110	ì	
6/ 7-		1.7						• 1									—	156	156	13 67	i
74/ 73	• 1	7		ſ				, ,				1	}	1 1	- 1		1	105	105	100	-
/ (9	• 2			1.1					• 4								+-	76	76	144	<u> </u>
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6/ 55	• 1	2.0								• ~				+-+	-+		-	: 2	52	- 1 C /	
4/ 63		. 4	l	1				•	• 1								1	35	35	5.2	1.1
-1/ 51			<del></del>	. 9	• 7			- 4									<del>                                     </del>	- 9	2.9	€ 9	9.
1/ 59			3		_			.1	• 1					]	- 1			2.2	2 2	44	<b>5</b>
1 1/ 57				• 3	• 6	• 3	1.											12	1.3	3 3	6
5 1 55				. 3	_ • <u>z</u>	. 1	_ • 1											7		2.3	3.
-4/ 53				• 1	. 1		• 1											3		_ o4	3
27 51			• 3	. 1	• 1	• 1												6	6	5.1	3 :
1 49		• 3			• 1										1			4	4	24	2 9
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96/ 45				١,											1					٩	1 :
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1 39															1					4	13
30/ 37		<b></b>		-		-											+			1	
3/ 35																			ĺ		
34/ 33														-							
14/ 31				[	[ [			ĺ						il	1		i i		ļ		1
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TAL	• 6	6.3	13.1	24.8	23.9	17.7	9.3	2.9	1.3	_ • 2									900		٩ ي (
																		950		900	
Element (X)		ż <sub>X</sub> ,			ZX	$\Box$	X	7,		No. Ob	_							Temperati			
Rel. Hum.			3884		647	88		13.6			00	2 0	F :	± 32 F	≥ 67		73 F	≥ 80 F	2 93 F		Fetel Ç '
Dry Bulb Wet Bulb			32.9		583			7.1			00				72 45		49.3	6.6	7	-+	
Dew Point			18979		541			9.5			60			1.0			1.9		+		9:
202 TOTAL		,,,,	7777	<u> </u>	271	74	y : 0 4	7 0 2			ų U			<u>i e U</u>	4:	• 0	167			L_	

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# **PSYCHROMETRIC SUMMARY**

1 ≟38 €	KENNEDY SPACE CENTER FL	69-70,73-8		N.C. v
STATION	STATION NAME	YEARS		MONTH
			F435 1	1875-275
				HOURS (L. S. T.)
Temp.	WET BULB TEMPE	RATURE DEPRESSION (F)	TOTAL	TOTAL

Temp.		_			_	WEI	BULB	TEMPER.	ATURE	DEPRE	SSION (	(P)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	# 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Paint
7./ 70					• 1													1	1		
72/ 77	i	. 3	. 6	. 2	. 2		l											12	1.2		
56/ 75		1.3	3.8			• 1												5.6	56	5	- 4
4/ 73		3.5	4.8	2.3	1.4	• 1				1 i		1						109	159	3 U	
"-/ 71	. 1	5.1	4.9	1.9	1.4													1.70	120	7.7	£.
- / 69	. 4	3.3	5.7	2.3	2.9	1.0	í	ĺĺ		1 1		i i		l i	i f		1	145	145	113	59
ni/ 67	• 1	3.9	3.9	1.9		• 6	• 1											105	105	99	6.7
6/ 63		3.9		. 3	1.1	• 6		<u> </u>										76	76	117	
4/ 53	• 2	2.9	1.3	1.6	• 6	• 2									i i			6.1	61	9.2	76
-1/61		1.9			. 4	• 1												3.8	3 <b>a</b>	F 44	۶ 1
_/ 59	,	• 8	1.1	.7	. 7	• 2	• 1								ļ j			2.2	3.2	7 S	5 8
1 = 7		. 7					• 1											24	24	44	4.7
56/ 55		. 7	•9	• 6	• 4	• 3	• 1	1										3 C	30	2.8	40
· 4/ 53		. 7		. 4						L								18	19	26	3.5
72/ 51		. 9	1					i		1 1								î 2	2.2	3.4	27
<u> </u>	. 1		1.1			• 1											<b>.</b>	18	17	2.3	
-:/ 47		1.0	.3	.6	<b>(</b>		[	( {		1 1		]		i I	[ [		ĺ	1 7	1.7	2 9	24
45/ 45		3	• 3	<b>!</b>	-	L	<b></b>	L									ļ	6	- 9	2 &	
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2/ 41		. 1		ļ			ļ			<b>├-</b>		ļ					<u> </u>	1	1	5	42
7 39		_	]	• 3								,						1 4	1	4	1 4
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4/ 23							1								ŀ						,
2/ 31								<del> 1</del>		<del>                                     </del>							_			_	
TTAL	1.7	32.0	77.7	16.8	12.7	3.3	. 4												898		898
125		52.00	330	1000			•			1								898	<del>```</del>	896	
																	1	] 3/9		3.0	
-				$\vdash$			<del></del>	<del>  </del>		<del>                                     </del>		-		<del>   </del>				<del>                                     </del>			
ł										1 1				} }			}	ł l	}		
Element (X)		Zx'			ž g		¥	•,	$\top$	No. Obs	, T				Mean N	o. of H	ours with	h Temperat	ure		
Ret. Hum.			3120		717			11.8	8 9	8	98	= 0 1	,	32 F	≥ 67	F	73 F	> 80 F	- 93 1		Total
Dry Bulb		399	8979		595	39	66.3	7.6	11	_	98				54	• 9	17.8				9.
Wet Bulb		355	7866		560		62.4				98		┰		32		3.5			1	5
Dew Point		328	2649		536	21	59.7	9.4	94	8	98			. 7	23	.9	1.2		1		9.

Element (X)	Z <sub>X</sub> ,	ž g	X		No. Obs.			Mean No. a	i Hours with	Temperatu	re	
Ret. Hum.	5353120	71710	79.9	11.385	898	± 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	• 93 F	Total
Dry Bulb	3998979	59539	66.3	7.611	898			54.9	17.8			9
Wet Bulb	3557866	56062	62.4	8.036	898			32.5	3.5			9
Dew Point	3282649	53621	59.7	9.494	898		.7	23.9	1.2		1	9

GECRAL CLIMATOLOGY BRANCH LENFETAC ATT WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

STATION	<u> </u>	NNED	Y 5P	ACE	CENT	ER F	<u> </u>		67-7	73-	8	YE	ARS						C V
																· A 5	€ !	?1 U	, = 2.7.
Temp.									RE DEPRESS							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 15 -	16 17 - 18 19	- 20 21 -	22 23 -	24 25 - 26	27 - 28 2	9 - 30	e 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
7 / 77		• 1	• 2														7		
-/ 75	• 1	• 3			• 5					_				i_		? 3	? 4		1
14/ 73	. 4	3.7	3.3	2.1	• •	• 3	1			i						6)	÷ 5	ر	7 1
/ 71	. 6			1.2	2 • 1											114	114		
/ -9	• 2	5.1	3.5	1.3	2 • 3	• 5	• 4									177	1.27	c 4	1 1
1:1 57	• 1				• 3	. 1		L								9	99		
67 63	• 4			1.7	• 9	. 4	1	l		- 1		ļ	! !	- 1	ļ	17.1	101	7 7	1
4/ 53	• 2		. 4	. 3		•		lacksquare				<u> </u>	$\sqcup$	$\longrightarrow$		c 7	5.7		_
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7.59		1.9	<u>.                                    </u>	• 1		- 3	_	<b> </b>				4	LL			. 7	3	5.0	
- / 57	• 1		• 6	• 3		• !	1		1 1		Ì		1 1	İ	- 1	36	? 6	7.6	7
5.7.55	- 1		1.1	• 3				<b>-</b>	+				<b> </b>			7 7	3.7	4.2	
4/ 53	• 1	1.3	. 0		_	• 1	1									2.3	3.3	1 1	-
1/ 1		1.6		1			<u> </u>		<del></del>				$\vdash$			- 31		32	
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9 / 47		- 4	3	3				<b></b>	<del></del>		_+ -					14	14	? 3	
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2/ 41		.7						<del></del>			_	<del></del>	$\vdash$	-+-			4	27	
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2/ 21										1									
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1146	2.6	46.4	24.4	12.5	10.1	2.9	• 6		1 1		-						897	I	9,
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ement (X)		Σχ'	1000		ZX	<del></del>	7	12 2 6	No. Obs.	.						Temperat	_		
ry Bulb			1888 8573		742 578			12.355 8.412	89		0 F	± 32 F	≥ 67 F		2.7	≥ 80 F	≥ 93 F	<del></del>	Total
et Bulb	_		61:5		540		61.3		89				23.		2.9		+	+-	
ew Point			6777		529		59.0		89		-+	- 3	20.		1.5		+		9
' U'n'		36.	0111		367	74	379.	7.000		<u>'</u>		• ′		4	* + 3				

USAFETAC roam 0.26-5 (OLA) strings retrigus to trops of this roam are obsoure

SUCHAL CLIMATOLOGY BRANCH CLAFFTAC AND GEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

1 .30 AENNEDY SPACE CENTER FL. STATION NAME N D V HTHOM <u>69-76,73-81</u> 3 ( L HOURS (L. S. T.) FACE 1

1	Temp.		_				WET	BULB '	TEMPER	RATURE	DEPRE	ESSION (	F)						TOTAL		TOTAL	
37   87		0	1.2	3.4	5 - 4	7 . 8								23 - 24	25 . 26	27 - 28	29 - 30	× 31		Dry Builb		Dew Zoin
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7 77			-	1	_					+			1	- 1				<b>†</b>				
1, 7   1, 2, 2, 2, 2, 1, 1, 1, 2, 3, 3, 3, 4, 1, 1, 1, 2, 2, 2, 2, 2, 1, 1, 1, 2, 3, 4, 3, 1, 1, 1, 2, 2, 2, 2, 2, 1, 1, 1, 2, 3, 4, 3, 1, 1, 1, 2, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,			- 1	[4				] _				ł									7	
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4 / A	1 67	• 3	3.5	2.4	1.1	1.					•								<b>6</b> ♀ 5	وينج	855	67.
47   63   64   64   64   64   64   64   64			4.1	1.2	. 9	• 13	4	1	_ 1			L				<u> </u>		L				75:
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1				• 5	. 4	• 3	• 3	. 1	. 1	. 1												73:.
168   159   242   34   172   173   173   173   174   174   175	- / - 9		1.8	• 6		• 3			•	•	1 _		I						272			51
1/2   1/2   1/2   1/2   1/2   26   2/6   1   1   1   2/3   3   1   1   1   2/3   2/6   2/6   1   1   1   1   2/3   3   1   1   1   1   1   1   1   1		• 2	1.5	.6		• 4					L							L				
130   136   222   72   73   74   77   77   77   77   77   77		• 1					• 3	• 1		ł	ł	i	1	l		i I		ł				344
130   136   222   72   73   74   77   77   77   77   77   77	4/ 53	• 1			. 4	• 3		•			<u> </u>					<b>.</b>						267
17   47   17   17   17   17   17   17			_			• 1	• 7	1				ŀ							1 -			26
1		•					•					ļ										
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																					1 1	
/ 25         1/ 23         2/ 31         Element (X)       ∑x²       ∑x       x²	/ 27									_			<del>   </del>			1		<u> </u>	<del>                                     </del>		<del> </del>	1.
1 / 2 3										1	1								1		1	١.
Element (X)   Z x   X   F x   No. Obs.   Mean No. of Hours with Temperature											_		<del>   </del>	-								-
Element (X)											Ì		ĺ						1 :			
Rel. Hum.			Σχ'			Σχ	Т	¥	٠.	<u> </u>	No. OL	9.				Mean N	lo. of H	ours wif	h Tempera	lure	·	
Dry Bulb								-				$\neg \uparrow$	± 0 F		32 F	_					F	Total
Wet Bulb	Dry Bulb						$\neg$						<u></u>	_		<u> </u>	_				$\vdash$	
Dew Point										$\neg$		$\neg$		$\top$			$\dashv$			1		
	Dew Point																			<b>†</b>		

USAFETAC FORM 0.26-5 (OLA) RIVIND MEMOUS EQUICIONS OF THIS FORM ARE ORGOITTE

FICEAL CLIMATOLOGY BRANCH USAFETAC AST WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

1 Talk to STATION	<u>Kř</u>	NNED	) Y - S F	2 A C L	CENT	TE F	· L			5 )-	7 ,7	3 <b>-</b> 3			EAR5			•		M	NTH
						•												÷ 4 C	d.	HOURS	- [ [. (L. <b>5.</b> T
Temp.					T	WET	BULB	TEMPER	RATURE	DEPR	SSION	F)	Inn		Tan 20	100 0		TOTAL	2 0 11	TOTAL	
(F) / 13	0	1 . 2	3 - 4	3 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	3 - 31	D.B./W.B.	Ory Bulb	Wet Bult	Dew I
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Element (X) Rel. Hum.			1606		2 x 5 5 8 3	7 6 11	77 4	15.2		No. 01	95	± 0	e	± 32 F	Mean z 67		10urs will = 73 F	h Tempera	* 93	<u>r  </u>	Total
Dry Bulb			1199		483			8.9			9 6		-	- 32 F			215.9			·	10101
Wet Bulb		2768		1	4533			8.3			95			1.2			43.1		1		_
Daw Point			911	1	4278			9.7			95			7.9			11.6	1	+	$\rightarrow$	7

ELEBAL CLIMATOLOGY PRANCH LLAFETAC Als Weather Service/Mac

# **PSYCHROMETRIC SUMMARY**

17:30 KENNEDY SPACE CENTER FL. 65-77,75-79

Temp.						WET	BULB .	TEMPER	ATURE	DEPRE	SSION (	F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 ± 31		Dry Bulb	Wet Bulb	Dew Pe
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· · / 67	• 5	4.5	3.1			• 1			_								105	1.05	: E	- 5
6/ 65	• 9	4.3	1.9	1.1	1.	• 1	L.	İ							<u>_</u>	1	- 5	~ 5	74	5
4/ 63	. 4	4.6	. 9	1.0	• -	• 1	Ų					J					7.0	כי	د - ع	С
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Element (X)		Zg'			Z X		I	<b>₹</b> 8		No. Ob						of Hours wi				
Rel. Hum.			3302		792			11.9			30	± 0 F	1	32 F	≥ 67 F	a 73 F	▶ 80 F	• 93 1	<u>'</u>	Total
Dry Bulb			5372		537			9.8			30			- 4	21.6			<b></b> _	$\rightarrow$	9
Wet Bulb	,		3179		514			9.8		_	30			1.3	10.0	•	ــــــــــــــــــــــــــــــــــــــ	——	—	- 5
Dew Paint		2/4	3962	_	494	94	33.2	10.8	84	9	30		i	<b>-5.1</b>	7.8	l	1	1	l _	9

USAFETAC FORM 0.26-5 (OL.A) REVISIO REVIDUS EDITIONS OF THIS FORM ARE DISCUSSE

GUIGAL CLIMATOLOGY PRANCH Grafetac Ath Afather Service/Mac

#### **PSYCHROMETRIC SUMMARY**

1 1930 AL VNEDY SPACE CENTER FL. STATION RAME 63-76,73-77 ۵٤۵ 1400-05 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point (F) • £ • 1 / 71 .1 3.7 1.9 1.1 3.5 1.5 17 5 1 65 78 1 57 <del>2.</del>0 .9 4.3 .9 5.6 • 5 1.2 • 1 • 1 9.5 . 0 7 0 7 0 9 1 0 9 <u>4/</u> t 3 4.1 -9 58 1.1 4.1 .. 1 • 6 4.2 1.1 3.9 57 1.1 • 5 • 2 1.3 4/ 53 5 F 4 9 -5 3 - 7 2.8 •3 3•4 •2 2•5 45 45 54 • 2 -/ 47 2.2 - / 45 1 • 1 щ () 4/ 43 -2/ 41 24 2.0 ٠, • 5 1.7 26 3-/ 37 11 11 \_ 1 34/ 73 • 1 • 3 . 1 \_/ 31 2 : 7 :/ 27 -/ 25 4/ 23 9 7 TITAL 11.356.117.910.1 4.1 977 930 93 Mean No. of Hours with Temperature Element (X) Rel. Hum. 7111597 90621 34.711.48 10F ± 32 F 267 F 273 F 280 F 3102818 52954 56.9 9.712 930 16.8 Dry Bulb 54.7 9.790 930 2874647 50898 Wet Bulb 52.910.857 Dew Point 49184 930

C POLM 0.26-5 (OL A) REVISED MEYDOUS EDITIONS OF THIS FORM ARE ORNOTETE

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GECTAL CLIMATOLOGY BRANCH USAFSTAC ATH WSATHIR SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

10.86 KENNEDY SPACE CENTER FL 68-70,73-79

STATION STATION NAME

PAGE 1 10000-000 HOURS (LLS.T.)

Temp.		_				WET	AUL A	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	2 4	5 - 6	7 .	0 10	11 12	12 14	15 16	17 . 18	19 - 20	21 . 22	23 . 24	25 . 24	27 . 28	29 . 30	» 11	D.B./W.B.	Des Bulh		Daw Paint
7 / 77		1.4	3.4	1,18	/	7 . 10	11 - 12	13 - 14	13 . 10	17 - 18		****	-3	23 - 20		27 - 30		<del>                                     </del>	1		
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-/ 67	1.1	3.3	1.5	1.1	1.5			├		<del></del>								1		20	4)
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7 7 7	1 . 4	3.0		]	• 1		l								- 1			5.6	66		] ].
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5 / 55	•	3 - 1	1 • 5				į	j l							ĺ					_	1 6.7
-1/ 53	<u>• `</u>	2.9	1.7	2	<u> </u>		ļ			<b>├</b> ~─┤				├				3 <b>6</b>	36 50	40	
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· / 47	. 4	2.7	• •	• 4	• 2					1	—-				—⊣			40	10		
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Dew Paint			836	}——	489		52.7	11.3	11		3C		+	6.0		<del>:8</del>		<del></del>	+	+	9:
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Dry Bulb	2014470	2402q	20 • dIn • nn A	936	• 9	11.4	• /	i l	
Wer Bulb	2855735	50665	54.510.143	930	1.5	8.6			
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USAFETAC FORM 0.26-5 (OLA) BEVIND MEVIOUS EDITIONS OF THIS FORM ARE OMNORTHE

GLOBAL CLIMATOLOGY RRANCH LIAFETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

STATION	KE	NNED	Y 5P	ACE	CENT	E? F	<u>L</u>			68-	76,7	3-79								' دِ	<u>: د</u>
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																		£ # 3 1		HOURS IL	
						wer		TEW851	ATUR	E DEPRES	SION /	<u> </u>						TOTAL		TOTAL	
Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 . 10	11 . 12	13 . 14	15 . 16	6 17 . 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dow P
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lement (X)		Z x 2	36542		2 x 681	5.3	73.3	14.3		No. Obs	30	5 O F	;	s 32 F	Mean N		2 73 F	> 30 F	* 93	<u> </u>	Total
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er Bulb			4 7 7 6		551			8.9			30		+	• 1	2.0		2.	<del></del>	<b>-</b>		
ew Point			4929		512		55.1				30		+	4.7	12		• 3	<del></del>	+	$\rightarrow$	

USAFETAC FORM 0.26-5 (OL.A) REVISED REVIOUS EDITIONS OF THIS FORM ARE OLD LITTE

ි - ද්- CLOHAL CLIMATOLOGY BRANCH IN STETAC

A . . AFATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

1 At KENNEDY SPACE CENTER FL

68-7-,73-79

UEC MONTH

PAGE 1 12"C-14C HOURS (C. S. T.)

Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Paint • 2 • 1.2 • 2 79 1.1 7 / 77 171 121 3.4 2. 1. 7.1 2. 1.9 1 • 7 2 i 91 7 **2** •5 72 -/ 67 2 • : 1.7 1.5 7-6/ 65 77 111 49 4/ 53 1.2 1.1 49 e l 1. 1 59 . š 44 • 9 ŝ 1 57 35 5 / 55 31 34 53 5 d 3 5 51 35 32 30 47 4/ 43 41 21 41 3.7 -/ 35 7-/ 33 31 15 ~41 ~·/ 27 11 24/ 23 2/ 21 / 19 Element (X) z×, No. Obs. Mean No. of Hours with Temperature Rel. Hum. 10 F 1 32 F + 73 F • 93 F Dry Bulb Wet Bulb

JSAFETAC FORM 0.26-5 (OLA) DEFINED PREVIOUS FOR

USAFETAC

GLORAL CLIMATOLOGY BRANCH L'AFETTAC AIR REATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

1 1985 STATION	K E	NNED	Y SF	ACE	CENT	ER F	L			63.	-7^,	73-19	:	•	E ARS					Mo	
									-									2 A G	E,	1200 HOURS	. = 1 4 L
Temp.						WET	BULB	TEMPE	RATURE	DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	4 25 - 24	27 - 28	29 - 30	• 31	D.S./W.S.	Dry Bulb	Wet Bulb	Dew Poi
T TAL	- 1	6.9	9.0	16.3	<b>3</b> 0.5	27.1	11.2	4.2	1.	•	•							<b>7</b> ??		930	
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Element (X)		z x'	<u> </u>		z <sub>X</sub>		¥	<b>₹</b>		No. O		L	L	L	Mean	No. of H	lours wit	fi Tempere			L
Rel. Hum.			1685C		589			14.6			30	± 0	F	≤ 32 F			73 F	≥ 80 F	<b>▶ 93</b>	F	Total
Dry Bulb			4219		635			7.8			93C				5.9		32.		C[		4
Wat Bulb		349	5635		564	8 9	60.7	8.3	329I		30				2 6	.5	3 . 2	7 <u> </u>			9

USAFETAC NOM 0.26-5 (OLA) BIVIND BENDUS EDITIONS OF THIS NOM ARE OMOSTER

GLOSAL CLIMATOLOGY BRANCH CSAFETAC ATH REATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

Mean No. of Hours with Temperature z 67 F = 73 F = 80 F

≥ 93 F

1 THE KENNEDY SPACE CENTER FL STATION NAME 15Fu=17u1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point m**6/ 3**3 : / 21 i 3 1 3 3.7 37 1. 2.2 3.4 1.6 1.4 41 71 124 7 7 69 3.3 2.4 2.4 1.3 67 1.7 2.2 1.5 2.7 73 16/ 65 1.3 75 1.2 1.5 1.2 1. é I 59 55 44 5.7 3 E 36 --/ 1.2 . 4 • 2 ./ 55 1.4 50 30 4/ 53 2/ 51 • 6 51 35 5.1 • 1 4-7-47 2( 24 •1 45/ 45 • 24 42/ 41 4./ 39 3=1 37 25 34/ 13 33 7.5

No. Obs.

± 0 F = 32 F

68-70,73-79

0.26-5 (OL A)

-2/ 21

Dry Buib Wet Bulb ZX'

X

(G)

ELCHAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

Temp.							WET	BUL	B TE	MPER	ATURE	DEPR	ESSION	(F)							TOTAL	[	TOTAL	
(F)	0	1.2	3 - 4	5 - 6	7	. 8	9.10	111.	12 13	- 14	15 - 16	17 - 16	19 - 20	21 . 2	2 23 -	24 2	25 . 26	27 - 2	8 29 -	30 + 31	D.B./W.B.	Dry Bulb	Wet Bull	Dew Pe
1./ 17	<u> </u>		1	+	<del>+</del>	<del>  </del>		· · ·			-	<del>'''</del>	<u> </u>	1	+			<del></del>	-	-	<del>                                     </del>	1, 2,7.	1	+
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1 - 1.	• 4	7.7	1	923 <b>•</b>	94	• 9	1.4 • 1	7 3 4	• "	2 • 0	7.4	ή • ·	1	í	ĺ	- 1		ľ	1	İ	930	_	93:	
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Rel. Hum.		446	7984	1	•	527	76	67.	<u>. 9 1</u>	5.7	5.3		30	⊴ 0	F	<b>s</b> ;	32 F	2 6	7 F	* 73 F	≥ 80 F	± 93	F	Total
Dry Bulb		420	956	T-		521		66	<u>. q</u>	7.3	50		30						3.5	21.	2 .	3		
Wet Bulb			1771			561		60.	.1	8.1	89		3.0						5.1	2.		$\neg$		- 4
Dew Point			1525			12				1.3			30		$\dashv$		4 . 4		3.2			+		

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Dew Point	2945253	51271 55.111.303	930	4 • 4 13 • 2	• 3	<u> </u>
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GLCPAL CLIMATOLOGY BRANCH GRAFETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

10:496 KENNEDY SPACE CENTER FL. 63-70,73-79

																				HOURS (	
Temp.								TEMPER/										TOTAL		TOTAL	
(F)		1 - 2	3 - 4	5 . 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	) + 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pain
1 79					• 1			[		ļ	ł	l		}			}	1	1		}
7-/ 77					• 1											Ĺ		2	2		
767 75	-	• 3	.6	- 4	• 1									1				3.0	20		[
141 73		. 3	. 3	• 3	. 3					l						_		12	12	4	i
2/ 71		1.9	3.2	1.	• 2							Ī	Γ.					5, 9	3 9	l٤	
1.7 39	. 1			2.4	1.1													1.0	100	36	
/ 67	• 2	5.8	3.0	1.7	• 3	• 2												1 (15)	105	9.7	
-6/ 65	• 3	6.0		1.0	1.2										_			100	1u0	~ 7	
. 4/ 63	• 3	4 . 1	2.7	1.3	• 5	• 2				ļ		ļ	Ţ	] ]		]	] .	79	79	117	,
-/ 61	. 1	3.7	1.6	1.3	•	. 3	• 3						1					74	74	7.7	
7 39	• 1	2.9	1.1	1.3	• tı	• 3												5 <b>9</b>	59	71	3 ع
1 3/ 57		1.9	1.1	1.1	• 3		• 1				l _			L				46	46	<del>(</del> 5	
5.7 55		2.2	1.1	• 5	• 4		• 1											40	47	42	
4/ 53		1.4	1.4	1.4	. 4	• 1												44	44	39	5,2
12/ 51		1.6	1.0	1.1	1.1														44	44	
5 / 49	_	1.3		• 6	. 3	• 1				1								3.5	3 5	٠,	7 ذ
937 47		. 9	. 5	• 3						Ţ			Ţ				1	2.1	21	31	
46/ 45	_	• 6			• 2					]								13	13	39	
"4/ 43		1.8	• 5	1.2														3 <b>3</b>	3.3	3.3	1
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4 / 39		1.1	• 2	. 1														1.3	1.5	2.0	ا ڌ
33/ 37		. 9	. 1	. 1						<u> </u>	L							10	1.0	: 2	2.2
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Element (X)		Zg'			z x	<u> </u>	X	7,	$\neg$	No. OI	· .		[		Mean I	to. of t	lours with	Temperet	ure .		
Rel. Hum.		622	3505		750	9:	81.0	12.3	17		27	± 0	F :	± 32 F	<b>≥ 67</b>		73 F	≥ 80 F	+ 93 1	•	Total
Dry Bulb			9415		<b>56</b> 3		60.8	9.0	95		27			• 1	30	•0	3.5		T		ç 3
Wet Bulb	,	313	8111		532	35	57.4	9.3	5 1		27			. 1	15	.9	. 9		T		<b>9</b> 2
Dew Point		288	1730		507	n a	54.7	10.79	57		27		$\neg$	3.2	- 11	•0	• 1		Τ-	$\neg$	9 3

USAFETAC FOLM 0.26-5 (OLA) MINIED MENIORI EDITIONS OF

GECHAL CLIMATOLOGY PRANCH UNAFETAC ATH WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

STATION	KΣ	NNED	14 5P	ACE	CENT	ER F	FL		_	<u> </u>	75,7	73-79							5	F C
STATION				5	TATION N	AME								YE	ARS	,				
																	P 4 5	Ξ !	HOURS (	- 23c
Temp.								TEMPERA									TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 1	5 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 × 31	D.8./W.B.	Dry Bulb	Wet Builb	Dew Pa
75/ 75		• 3	. 2	. 1													5	5		
-4/ 73		. 3	. 6	• 3	4												1.2	1.2	4,	
1 71	• 1	1.6	2.3	• -	. 4												8.8	4.3	1.5	1
. / 59	• 3	4.7	2.9	1.4	1.		1			<u>l</u> 1		L I	1				9.5	<i>y</i> 5	4.5	
5 / 67	. 3	4.5	2.7	1.3													4.4	2.4	7.4	ن
16/ 55	• 3	5.5	2.4	• 9	1.5	• 2	<u> </u>										83			£
4/ 63	• 1			1.1	• 3	• 6	3					1 [	- 1		1	ŀ	<sup>7</sup> 1	3 <b>1</b>	ا د	
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4 , / 5 <b>9</b>	• 2	3.9			- 4	1	1							1	i		6.5	p 5	7.3	ÿ
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4/ 53	• 2	2.7	.9	. 4	<b>!</b>		. • 1			$\longmapsto$						_	'1	31	46	5
51 el						• 1	4										4 9	49	3.7	4
/ 41	• 1	2.3	. a	1.7	• •		-	<del> </del>		<del></del> -⊦							41	41	43	4
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T' TAL	4.1	57.4	22.5	14.6	6.6	٠	9 . 1										11	927		0.5
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Element (X) Ret. Hum.			4434		2 x 774	7.4	83.4	12.27	4	No. Obs	27			32 F	Mean No. ≥ 67 F	a 73 F	th Temperat	- 93 (	. 1	Tetal
Dry Bulb			4954		545			10.08			27	± 0 F		32 P	25.6			+ 2 73 1	<u>-                                    </u>	ا <del>هاها</del> خ
Wer Bulb			5345		519			10.09			27			1.1	13.6			+	+	<del>- ,</del>
Dew Point			9188		497			11.21			27		$\overline{}$	4.0	10.3		+	$\dagger$		<del></del>
DEM LOUNT		2/6	7100		47/	<i>(</i> <b>Q</b>	23.	111051	4	9,	١ )			4 . 4	10.3	·				

USAFETAC now 0.26-5 (OLA) BIVIND REVIOUS EDITIONS OF THIS YORK AND OLD LITE

GLUFAL CLIMATOLOGY BRANCH URAFETAC AND WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

1 186 KENNEDY SPACE CENTER FL STATION NAME 53-75,73-79

Temp.								TEMPER										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	13 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ R5								• 4				ГΤ						1	1		
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67 65	• 5				1.2	- 4	• 2	• 1				1 1						663	660	678	1
4/ 53	- 4			1.3	• 6		• 1	• 1		<u> </u>		$\vdash$		L_	<b>-</b>		L	5 / 0	530		
:/ 61	• 5			, ,	1.	• 3	• •	• !	• ]		J			]	j			497	497	633	1
./ 69	•§		- 9		• 2	-3	• 3	• 1	•		<b></b>	<b>├</b>		<b></b> _	$\vdash$			4 < 5	_ =		
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9:/ 55	}		-3			<u>• 4</u>			• 7	<u> </u>	L							336	326 29 <b>7</b>	470	
4/ 53	• 2		_		• 9	• 1	• 1				[	[ [		ĺ	ĺĺ		ĺ	292	292	347	_
27 51			2	- 6		1	_ •	<u> </u>	۰			}		<del> </del>	<b>├</b> ──		<del> </del>	251	251	341	
/ 47	• 1	1 :			• 3	• 1					l	ļ					1	214	231	271	
- / 45		1.2	• 5	<u>. 6</u>		• 1					<del></del>	<del></del>						180	150	255	
4/ 43		1.1	.5		1	• 1					1	) )		}	! }		l	152	132		
2/ 41	• 1	.8										<del>                                     </del>			<del></del>			1.2	122	2 ~ 5	
1 16	. 1	.6		. 2				[ '	ĺ		ĺ	1		i	ii		l	104	104	154	
3 1/ 37	• 1	• 5								_	_							71	71	159	
67 35	• 1	. 3	. 1								!	1 1			. !			4.2	4.2	. A.S	177
34/ 33	• 1	• 3	• 1															28	2.8	5 7	140
727 31	• 1	. 1	• 5									l _ l		]				15	15	3.	137
. / 29	•	• 0														_		4	4	17	100
:1 27	1										İ	<u> </u>						6	6		50
./ 25	•	_										1 7		]	]			2	2		4 6
1 23			L									$\sqcup$		<u> </u>	L		L				3.3
2/ 21	İ											} }		ł	{ }		ł	ł .			7
1/ 19			L			لبها	L		<u> </u>		L			L	<u> </u>			<u> </u>		L	<u> </u>
Element (X)		Σ¥,			z X	-	X	- * <u>*</u>	-	No. Ol	)B.							h Tempera			
Rel. Hum.						-+-						2 0 F	<del>-   - '</del>	5 32 F	≥ 67	<u> </u>	73 F	≥ 80 F	× 93	<u> </u>	Total
Dry Bulb								<b></b>					+		-	$\rightarrow$		<b>├</b>	+		
Wet Bulb						-+-			-+-				+		<del></del>			├	+	-+-	
Dow Point													—		Ь						<del></del>

USAFETAC FOUR 0.26-5 (OLA) BEVIND REVIOUS EDITORS OF THIS FOUR ARE OBSOLET

GLORAL CLIMATOLOGY BRANCH USAFETAC ATT WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

1 c9c KENNEDY SPACE CENTER FL 65-7 ,73-79

STATION NAME HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 = 31 D.8/W.B. Dry Bulb We: Bulb Dew Point • 1 7434 4 - 37 - 419 - 416 - 112 - 6 5 - 5 2 - 6 7434 7434 7434 Mean No. of Hours with Temperature Element (X) No. Obs. 583138 455782 78.415.689 61.310.098 57.3 9.662 47572120 7434 ≥ 67 F = 73 F = 80 F = 93 F 2.7 269.1 77.4 28732096 7434 744 Dry Bulb 5.6 129.6 38.7 80.4 25084370 7434 9.3 744 Wer Bulb 425816 401713 54-311-146 7434 744 Dew Point

AC FORM 0-26-5 (OLA) REVISED REVIOUS EDITIONS OF THIS FORM ARE

BESPAL CETMATOLOGY BRANCH Liafitac Air Abather Servichimae

# **PSYCHROMETRIC SUMMARY**

1 Loc MENNEDY IPAGE CENTER FL 54-70,73-8
STATION NAME ALL PAGE 1 ÁL L HOURS (L. S. T.)

Temp.						WET	BULB	TEMPER	ATURE	DEPR	SSION (	F)		-		-		TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 . 24	25 . 24	27 - 28	29 . 30	» 31	D.S./W.B.			Dew Pair
15/ 35		<del>-</del>			<del>                                     </del>	7		•						123 - 20	1	27 30		1 =	1.9		
4/ 93		l		1	ì	.:		1 -						ł	ł		l	73	7 3		1
/ 91						• (		. 1	• 1		1			<del> </del>	<del></del>		<del> </del>	275	7.3		<del> </del>
/ 85		1	• 1	ì	1	. 3		I			n.	• ~		ŀ			ŀ	545	645		
3/ 47		_	• 1			1.3						• 1			1		<del>                                     </del>	7171	2171		<del>                                     </del>
3/ -1				. 6		1.2	l	1		l	1 _	n.	• 1	,	1		1	3667	3667		١,
3/ 63				1.6		. 7		- 1	• 0	• 0		• 0	• 1		<del> </del> -		-	4 36	4 36	1 4	
1 71		• 1		1.7	1.2	. 7	l	i	a	• 0		• 13		ł			j	4775	4775	191	1
1 79		. 7	2.5		1.	. 8				• 5		• 1			<del>                                     </del>			549C	6663	2576	
7 / 77	• 1	2.4		1.4	1	. 6	1	1	1									7751	7751	741	
21 75	• 3	3.7	2.1	1.4		• 7		1	<u> </u>					<del>                                     </del>	<del> </del>		<u> </u>	3 2 3 1	3251	9723	
14/ 72	. 4		1.7	1.3	• "	. 6	Ι.		. 1		. 1			1				7317	7517		1:71
/ 71	. 3	3.2	1.7	·a		. 4		. 1		-	. 1					٠		56.74	5624	2226	
1.1 69	. 3	2.7	1.5	- 7		. 5		. 1		.0	• 0							1	5903	7693	
./ 67	• 7	2.1	1.2					• 1		1	. 7							4541	4641	5372	
_6/ 65	. 1	2.1	• 7	. 6		. 2		i		•				1	Į,			1 1	3956	5533	
4/ 63	• 3	1.6				• 2		• 1	_	— ·	• 0				1		-	3138	3138	5111	
17.61	• 3	1.3	. 4			. 1	. 1								1			1 1	2471	3975	
./ =9	• 2	1.3	. 4			• 1	• 1		•									2545	2545	3617	
5 / 57	. 1	1.1	. 5		• 3	. 1			. 1		1			ł				2094	2094	2395	
5 / 55	. 1		. 4		• 1	. 1			• 7					<del>                                     </del>				1873	1273	2412	
4/ 53	- 1	• 3	. 4	. 3	• 2	. 1		• 3			1							1575	1575	2143	267
1/ 51	• 1	. 7	. 3	• 2	• 1	. 1	•	• 1										1289	1289	1800	236
1 43		• 6	3	. 3	. 1	• 1		. :							1			1183	1183	1626	192
- / 47	• '.	• 6	• 2	• 2	. 1	• 5	•	•										10:1	1031	1410	165
_ / 45		9	. 3	- 1	• 1	• 1	• :	• 1			} }	' i			1			858	858	1273	145
-4/ 43	•	• 4	• 2	• 2	•	• 1												673	673	1089	
.2/ 41	•1	3	. 1	1	<u>.</u>	• 0	• "	1										476	476	884	113
4 / 25	•	• 2	. 1	• 1	•	• 1												361	351	620	104
2:/ 37		2	- 1	- 1	•										1			271	271	432	94
. / 35	• 1	• 1	. 1	• 0	•													172	172	317	<b>6</b> 5 ?
24/ 23		- 4	_ •1	• 0	•							}						117	117	225	54.
/ 31	• 1	• 1	•1	• 0														91	91	171	54
	<u>•</u> 4	_ • q	_ •1	• 1											1 1			3.0	3 9	8.9	367
Element (X)		Σχ'			Z X		Ĭ	<b>7</b> ,		No. Ob	aI				Mean N	o. of He	urs with	Temperatu	70		
Rel. Hum.						$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$						± 0 1	: ] ;	32 F	= 67	f ·	73 F	- 80 F	▶ 93 F		Total
Dry Bulb						$\Box$														1	
Wet Bulb			1												i						
Dew Point																$\neg$		·		$\neg$	

USAFETAC NORM 0-26-5 (OLA)

SECRAL CLIMATOLOGY BRANCH Leafftac All Acather Service/Mag

# **PSYCHROMETRIC SUMMARY**

STATION				5	TATION N	AME				<u></u>	, , ,			YE	ARS					MC	LL
																		⊕ <b>4</b> €	F 7	HOURS	L L
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	_
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dow
7 -7	• ^	• :		1									[ _				[ ]	19	1 -		Ι
/ 25	•	•	1	<b>Ļ</b>	Ļ	L	<u> </u>	<u> </u>					<del> </del>	L		<b></b> _	11	5	5	14	_
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/ 17		<del>                                     </del>	<del> </del>	<b>├</b>	<del> </del>	<b>-</b>	<u> </u>	<del>-</del>	<u> </u>	<del></del>			ļ			ļ	<del>                                     </del>		<b></b>		
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				<del>                                     </del>						-	-			$\vdash$			<del>                                     </del>				<del>                                     </del>
											[						11				
Element (X)		Σχ'			ZX		X	7,		No. Ob					_			Tempere			
Rel. Hum.			1775		8366		78.5	14.6	32	876		٤ 0		± 32 F	≥ 67	F		- 80 F			Tota
Dry Bulb			37414		2256			10.9		876			_					1898.		• 6	3
Wer Bulb			58669		8 8 8			17.1		876				33.1	5136	.629	51.1				:
Dew Point	3	6355	57276		556	38_	63.	111.3	53	976	22		• 11 1	61.8	4436	.420	41.9	2.	6	- 1	8

GLORAL CLIMATOLOGY BRANCH USAFETAC ALR MEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12636 KENNEDY SPACE CENTER FL

68-70,73-80

• • •	C'A' CH NAME	TEARS

185 (ST		IAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	001	NOV	DEC	ANNUAL
	MEAN	50.5	54.3	62.2	66.1	71.2	74.6	75.9	75.8	75.9	71.4	63.8	57.8	67.2
u~0?	S D	9.799	9.406	7.634	6.544	3.982	3.131	3.142	2.682	2.868	6.540	5.665	9.868	10.263
	" 'AL OBS_	937	846.	9.28.	910.	929.	900.	9.30.	930.	9 C O	929.	9.00.	930.	10952
-	MIAN	55.2								3	<b>3</b> 6 "		·	
									74.6					66.0
	TOTAL OBS												9.712	
*	C AL CRY	930	846.	92.7.	940.	936.	900.	9.30,	930.	900.	930.	990.	9.30_	10953
-	MEAN	54.7	53.3	61.5	67.1	73.0	76.8	78.1	77.6	76.6	71.5	63.1	56.6	67.6
r€-38	SD	10.257	9.743	7.889	6.470	4.819	4.134	4.055	4.008	3.841	6.366	8.579	10.009	11.428
	"C"AL OBS	93Q	846	927.	900	930	900	930.	930	9CQ.	935.	900	930	10953
	MEAN	62.0	61 7	 40.0	75 - 1	70 9	97.7	a 5 . 1		0 7 . A	78.3	<b>7.</b> 1 5	64.3	74.9
r c = 1 1													8.633	
	"O"AL OBS						–		_				930	
		726.	.279.	. 7.2.5	7.2⊌.	2.35.			. 7.20.	344	74.7.	ZUU.	7.25	16333
•	MEAN	66.3	65.9	73.0	77.4	81.2	94.7	86.7	86.2	85.2	80.1	73.9	68.4	77.5
	S D		8.782	7.341	4.776	4.052	3.668	3.801	3.054	2.981	4.138	6.843	7.860	9.555
-	TO'AL OBS	.93C.	846	9.30	900	930.	900	930	930.	900	930.		930	10956
	MEAN -	65.3	65.1	71.8	76.3	79.5	82.7	84.6	24.1	83.2	78.3	71.9	66.9	75.9
15-17	5 0												7.360	9.187
	"C"AL OBS												936.	
-	MEAN										:			
		59.3	• • • •						-		-		60.8	71.0
	5 D TOTAL OBS	-	_					_					9.095	9.856
		930_	8.4.6.	936.	<u> </u>	936	900	9.50.	930	900	928.	898	921.	10948
	MEAN	57.5	55.7	63.6	67.7	72.9	76.1	77.2	77.2	77.1	72.3	64.5	58.9	68.5
1-23	\$ D	9.609	9.421	7.748	6.273	3.581	3.044	3.088	2.559	2.502	5.877	8.412	10.087	10.242
	O'AL OBS	930	846	930	900	930	900	930	930	900	929	897	927	10949
	+	59.6	58.6	66.1	70.7	75.4	78.8		80.0	79.4	74.5	67.2	61.3	71.1
AL:													10.098	
HOURS	10'AL 085						-				-		7434	

USAFETAC TORM DIRECT TORM DIRE

#### MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

10:86 KENNEDY SPACE CENTER FL 141

STATION NAME

68-70,73-80 \* 1 A B 5

HP S		AN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	oct	NOV	DEC	ANNUAL
	wean.	54.3	52.0	59.5	62.7	68.2	72.3	73.8	73.9	73.7	67.7	61.0	55.3	64.6
C-L2	5 :	10.097	9.548	8.222	6.571	4.189	2.614	2.628	2.257	2.239	6.232	8.686	9.857	10.321
	10"AL OBS	930	846	928	900	929	900	930	93 <u>C</u>	900	929	900	93C	10952
		53.2	51.3	58.7	61.9	67.2	71.4	73.0	73.1	72.9	67.1	<u></u>	54.7	63.8
13-05														10.334
	.TOTAL 081.	930	846	927	900	93C	900	930	930	900	93C.	900	9.30	10953
	MEAN	52.3	51.3	59.1	63.4	69.3	73.6	75.1	74.9	74.2	67.8	60.6	54.5	64.8
16~CR	< 5	10.548												
	TOTAL DES							930					930	
		57.5	56.2	62.9	66.3	71.5	75.5	77.3	77.4	76.8	70.7	64.7	59.2	68.1
^ 11	5 D	10.626												9.835
		930							-					10955
		59.2	57.7	63.8	66.9	71.8	76.D	77.5	77.8	77.1	71.1	65.6	60.7	68.8
12-14								2.099						9.260
	O.Wr 082												930	10956
		. 5849	57.4	63.6	66.6	71.4	75.4	77.1	77.0	76.5	70.6	64.9	60.3	68.4
15-17	5 5												8.189	9.079
_	TOTAL UBS												930	10956
	₩EAN	56.4	55.1	61.8	65.2	70.1	74.2	75.7	75.6	75.0	68.7	62.4	57.4	66.5
14-20	1 55	9.520	8.692	7.472	5.502	3.774	2.339	2.257	1.942	1.840	5.172	8.036	9.351	9.690
	_1014:, 085	930	846.	930	899	930	900	936	930	900	928	898	927.	13948
	. WEAN	. 54.9	52.9	6C.5	63.5	69.1	73.1	74.5	74.5	74.3	67.9	61.3	56.0	65.3
21-23	<b>)</b> 1 1	9.989	9.578	8.100									10.094	10.237
	. OTAL OBS	930	846	930	900	9 <u>3 C</u>	900	930	930	900	929	897	927	10949
=		55.9	54.2	61.2	64.6	69.8	74.0	75.5	75.6	75.1	69.0	62.6	57.3	66.3
HOUPS	ε	10.265	9.489	7.996	6.196	4.290	2.916	2.873	2.647	2.588	5.671	8.379	9.662	10.155
	TOTAL OBS												7434	87622

USAFETAC	109m o 89 5 (OLA)

BLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

2

#### MEANS AND STANDARD DEVIATIONS

DEN-POINT TEMPERATURES DEG F FROM HOUPLY OBSERVATIONS

13:86 KENNEDY SPACE CENTER FL 68-70,73-80 FEB APR JUN AUG SEP JUL 52.4 49.8 57.6 60.4 66.5 71.3 72.9 73.1 72.8 65.6 58.9 53.2 62.9 11.45310.626 9.161 7.483 4.898 2.674 2.620 2.281 2.284 6.869 9.73710.888 5 0 11.180 TCTAL OBS 930 846 928. 9<u>00 929 900 930</u> 930 900 929, 900, 930, 10952 MCAN 51.5 49.5 57.2 60.0 65.9 70.6 72.3 72.5 72.2 65.2 58.5 52.9 62.4 5.0 11.60910.598 8.915 7.495 4.983 2.894 2.801 2.445 2.514 6.830 9.90910.857 11.170 101AL 085 93C 846 <u>927 90C 93C 90C 93C 93C 9CC 93C 9CC 93C 1C953</u> MEAN 51.1 49.4 57.3 61.0 67.4 72.2 73.9 73.8 73.2 65.8 58.8 52.7 63.1 6-88 58 11.94411.061 9.370 7.297 4.982 2.818 2.691 2.534 2.600 6.699 9.83111.311 11.751 TOTAL OBS 930 846 927 900 930 900 930 900 930 900 930 900 930 10953 MEAN 53.7 51.4 58.0 60.8 67.1 72.2 74.1 74.5 74.1 66.6 61.5 55.1 64.1 9-11 5 0 13.06611.48510.027 7.913 5.222 2.582 2.330 2.027 2.320 6.401 9.67011.192 11.400 10°AL 085, 930 846 930 900 930 930 930 920 929 900 930 10955 53.4 5C.8 57.4 6C.3 66.9 72.3 73.8 74.3 73.8 66.3 6C.1 54.9 63.8 12.93411.31710.082 8.043 5.583 2.758 2.620 2.222 2.363 6.641 9.49611.293 11.514 S D "O"AL OBS 93C 846 93G 90G 93G 90G 93G 93C 90D 93G 90D 93C 10956 53.5 51.6 58.4 61.2 67.2 72.1 73.8 73.8 73.3 65.9 59.7 54.7 63.8 11.63310.446 9.493 7.411 5.252 2.678 2.319 2.093 2.180 6.394 9.49410.797 10.969 SD TOTAL OBS 930 846 930 899 930 900 930 900 928 898 927 10948 MFAN 52.6 50.2 58.2 60.8 67.0 71.7 73.2 73.4 73.0 65.5 59.0 53.7 63.3 5 11.50910.838 9.421 7.578 4.999 2.603 2.359 2.163 2.199 6.759 9.83611.213 11.222 11-23 OTAL OBS 933 846 930 900 930 900 930 900 929 897 927 10949 MEAN 52.7 50.5 57.7 60.6 66.9 71.8 73.5 73.7 73.3 65.9 59.5 54.0 63.4 5 0 12.12610.948 9.557 7.643 5.175 2.799 2.600 2.333 2.396 6.641 9.71211.146 11.333 TOTAL 085 744 6 768 7432 7199 7439 7200 7440 7200 7435 7195 7434 87622

7440 6768 7432 7199 7439 7200 7440 7440 7200 7435 7195 7434 87622

USAFETAC TORM 0 89 5 (OLA)

CLONAL CLIMATOLOGY BRANCH CLASSITIC ASSATHSE SERVICEZMAN

# **RELATIVE HUMIDITY**

12 26	KINNEDY SPACE CENTER FL	69-70,73-10	JA:
STATION	STATION NAME	PERIOD	MONTH

	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50°.	60%	70%	80°-	90°c	RELATIVE	NO OF OBS
JAT.	1-52	130.0	<u>1</u> ↑3.0	160.0	69.9	95.	95.7	59.5	74.7	44.9	# 0 • 4	93.
	7-0%	100.0	100.5	1 : 1 • 2	59.7	97.1	90.9	71.1	73.6	8•5د	27.7	7 7
	_5 <b>-</b> 0₹	130.0	100.0	160.6	100.0	3 <b>0.</b> 5	97.5	89.7	70.0	o3.4	99.	9.4
	7-11	100.0	130	99.4	93.4	24.4	19	65.3	ац., ц	15.6	75.3	933
,	19-14	1 :n.n	130.0	97.5	93.1	a5.6	53.7	32.7	14.2	5.2	64.9	93
	15-17	130.0	39.7	97.2	93.5	۵5 <b>.</b> ه	69.4	44.7	?9	5 • 5	67.4	97.
	1 · · - 2 C	100.0	100.0	160.0	79.	36.	89.5	78.6	6 .1	23.0	30.5	9.5
	. 1 - 2 3	1.7.0	100.0	160.0	100.7	97.4	94.2	85.3	69.1	39.7	84.3	9.31
·	: 	-	<u> </u>	<u> </u>		-	-					
					<del> </del>							
···-	+											
TC	TALS	1.0.0	100.0	99.2	98.0	94.6	36.2	72.1	54.1	30.0	75.3	7440

	USAFETAC	FORM JUL 64	0-87-5 (OL A)
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GLICTAL CLIMATOLOGY BRANCH UMAFETAC AI: AFATHER SERVICT/MAG

# RELATIVE HUMIDITY

	HOURS (L.S.T.)			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	1		MEAN RELATIVE	TOTAL NO. OF OBS.
MONTH		10%	20%	30%	40%	50%	60%	70°•	80°.	90%	HUMIDITY	
FES	.D-03	130.0	170.0	100.0	100.0	99.3	96.5	86.5	71.7	42.2	65.3	546
	J3-95	100.0	130.0	167.8	198.3	99.4	96.6	90.3	77.9	48.2	95.9	:46
	La-38	100.0	100.0	100.0	140.0	99.2	96.2	91.1	77.3	46.3	96.7	346
	-9-11	100.0	100.6	99.5	97.0	88.8	72.9	51.3	27.3	ŝ <b>,</b> 5	73	844
	12-14	1:0.0	160.0	99.5	92.0	74.5	44.8	21.5	9.3	2.7	59.7	541
	15-17	100.0	99.8	99.0	90.2	74.5	53.2	29.9	13.9	3 • 3	61.3	:46
	16-26	100.C	100.0	99.8	99.2	96.0	86.3	70.2	40.1	13.6	76 • 6	846
	1-23	100.0	10.0	100.0	79.9	99.1	93.5	81.1	64.1	30.9	92.5	346
				+-			-					
				-		<del> </del>	<del>                                     </del>		-		<del>                                     </del>	
	•				1							
τo	TALS	110.0	180.0	99.5	97.3	91.4	90.0	65.3	48.5	24.5	76.3	6763

	USAFETAC	FORM JUL 64	0-87-5 (OL A)
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GEL: AL CLIMATOLOGY FRANCH CLIFFITAC ALC WEATHER SERVICE/MAC

#### **RELATIVE HUMIDITY**

1 3. 8 t	RENNERY	CPACE	CENTER	FL
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65-76,77-36

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	HOURS (L.S.T.)			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	1		MEAN	TOTAL
MONTH		10°•	20°	30%	40%	50%	60%	70°•	80°	90°	RELATIVE	NO OF OBS.
• • •	1.0-02	100.0	100.0	10:.0	100.D	99.4	96.3	87.6	72.5	37.6	ع <u></u>	4.7.8
	2-25	100.0	100.0	187.5	195.5	137.0	98.4	91.7	70.6	52.3	17.7	9.57
	-6 <b>-</b> 06	100.0	1-3.5	165.0	100.5	99.6	96.4	±8 • □	75.4	44.9	36.4	÷21
	<u> 9-11</u>	100.0	100.0	99.7	96.7	89.2	66.1	42.9	19.5	3.3	67.3	4.7
	1:-14	100.0	100.0	99.1	90.3	72.9	45.5	22.4	c • 2	2.4	54.4	5?:
	15-17	100.0	100.0	98.7	92.6	79.8	56.3	34.2	12.4	7.2	63.0	93.
	ie-20	100.0	100.0	99.5	97.8	94.1	85.7	70.2	46.7	11.4	76.3	43
	_1-23	1 '9.0	100.0	100.0	99.9	93.9	94.5	83.8	68.2	29.1	83.1	931
	<u> </u>								+			
701	TALS	1.0.0	100.0	99.6	97.2	91.7	80.0	65.1	47.7	22.7	76.1	743

USAFETAC	FORM JUL 64	0-87-5 (OL A)	
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GLOMAL CLIMATOLOGY PRANCH LMARETAC ALL WEATHER SERVICE/MAC

**RELATIVE HUMIDITY** 

1 7 6 STATION	KENNEDY SPACE CENTER FL.	69-70,73-50	A P []

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN						MEAN	TOTAL
(LS.T.)	10°•	20° •	30°₀	40%	50%	60%	70°₀	80°	90%	HUMIDITY	NO: OF OBS:
.c-c2	1.0.0	130.0	110.0	79.9	98.9	95.1	82.0	65.7	22.6	9.0.2	906
17-05	100.0	100.6	16.00	79.9	95.9	95.9	36.3	71.3	37.2	95.0	9.10
<u> 1.5-08</u>	100.0	100.0	164.0	100.0	¥3.2	90.1	77.9	53.8	25.3	81.5	900
k 9 - 11	100.0	100.0	59.1	94.4	81.9	53.1	27.5	9.1	1.7	62.2	5 ° C
13-14	1.0.7	100.0	99.0	93.0	67.6	30.8	13.4	4.2	1.2	56.7	910
15-17	1 0.0	59.9	93.2	71.7	73.4	46.8	24.7	5 · 6	1.4	59.6	7°C
19-20	130.0	100.6	99.8	99.0	93.5	79.1	55.7	33.0	4.7	71.9	999
.1-23	130.5	100.5	100.0	99.9	99.3	91.6	73.3	53.3	12.3	73.9	900
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	-		-	-	<del> </del>	<u> </u>	-	<del> </del>	ļ	ļ	
			-		<del> </del>					<del> </del>	
								-			7109
	(15.1) .5 - 7.2 .5 - 0.8 .5 - 0.8 .9 - 1.1 1.5 - 1.4 1.5 - 1.7	(LST) 10%  .C-C2 1.0.0  .5-05 150.0  .5-08 100.0  .5-14 1.0.0  .5-17 1 0.0  .4-20 100.0  .1-23 100.0	100.0 100.0	1000   1000	1000   1000	1.5T    10°   20°   30°   40%   50%   1.5T    10°   1.50°	(LST)         10°         20°         30°         40°         50°         60°           .C-F2         1.0.C         1.0.C         1.0.C         99.9         98.9         95.1           .C-S2         1.0.C         1.0.C         1.0.C         99.9         95.9         95.9           .C-OS         1.0.C         1.0.C         1.0.C         1.0.C         99.9         95.9         95.9           .C-OS         1.0.C         1.0.C         99.1         94.4         31.9         53.1           .C-14         1.0.C         1.0.C         99.3         93.5         67.6         36.8           .C-17         1.0.C         99.9         93.2         91.7         73.4         46.8           .C-17         1.0.C         1.0.C         99.8         99.0         93.5         79.1           .C-23         1.0.C         1.0.C         1.0.C         39.9         99.3         91.6		10   10   20   30   40   50   60   70   80   1.0   1.0   1.0   1.0   0.0   99.9   98.9   95.1   82.0   65.9   1.0   0.0   1.	10   10   20   30   40   50   60   70   80   90   10   10   10   10   10   10   1	Company   Comp

	USAFETAC	FORM JUL 64	0-87-5 (OL A)		
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THE AL CLIPATOLOGY BRANCH INTERTACE AT ALATHUR SERVICE/MAC

**RELATIVE HUMIDITY** 

13096 MENNEDY SPACE CENTER FL 69-70 STATION STATION NAME	73-90 "4 Y PERIOD MONTH
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	HOURS		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									TOTAL
MONTH	(L.S.T.)	10°•	20°。	30°	40%	50%	60%	70°₀	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
THAY	UE-02	113.0	170.6	107.7	100.0	100.5	98.6	93.1	74.4	3 .5	27.4	929
	3-05	1.00.0	100.0	10:00	1:3.3	100.0	98.8	95.8	35.4	44.0	58.2	7?
p	_6-08	115.0	168.0	100.0	100.5	99.7	96.8	85.3	53.5	25.1	32.9	975
<b></b>	9-11	130.3	100.0	100.0	99.4	92.8	6â.1	33.8	7.0	•6	55.8	970
	12-14	160.0	100.0	99.6	90.5	57.6	54.9	22.5	7.2	1.9	62.2	93%
	15-17	1.0.0	190.0	90.6	97.4	91.7	75.4	37.3	13.9	4.8	67.1	3.5
	18-2	10.5	150.0	99.8	49.2	97.5	91.3	71.8	37.7	7.2	76.2	931
	_1-23	100.5	100.0	160.0	153.5	99.8	97.3	86.9	61.3	16.7	31.9	930
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	 		-	ļ <u>.</u>			ļ	ļ	ļ	-	<u> </u>	
	<u> </u>						<u> </u>	ļ			ļ	
-			ļ				_	ļ				
, ro	TALS	100.7	100.0	99.9	99.1	96.1	84.5	65.3	44.1	16.4	76.3	7435

USAFETAC	FORM JUL 64	0-87-5 (OL A)

CLUSAL CLIMATOLOGY GRANCH USAFETAC ATH MCATHOR SERVICE/MAC

# RELATIVE HUMIDITY

1 330	SPACS	CENTER FL
STATION	 	STATION NAME

69-70,77-c1

JL IV

	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN							MEAN	TOTAL		
MONTH	(L S.T.)	10%	20%	30%	40%	50%	60%	70°∙	80%	90°	RELATIVE HUMIDITY	NO. OF OBS.
JUN	un-dz	100.0	100.0	100.0	100.5	100.0	120.0	98.7	9	42.8	89.3	970
··	13-05	100.0	100.0	100.0	100.7	130.0	100.0	99.5	95.9	61.9	71.7	305
·	µ5−38	170.0	100.0	101.6	106.0	100.0	99.6	95.0	73.6	31.7	96.0	900
	µ9−11	1.0.	100.0	107.0	173.0	99.1	86.9	43.4	8.0	2.1	69.5	900
P	12-14	100.0	100.6	165.0	99.9	95.9	75.0	30.3	5.8	1.7	56.7	930
	1 5 - 17	100.5	100.0	100.0	79.3	97.4	85.9	51.3	10.6	5.1	71.3	970
<b></b>	! d - 2 .	100.0	100.0	100.0	100.0	130.0	97.0	88.0	48.4	13.0	32.2	936
· - <del></del>	1-25	11.5.0	100.6	107.0	1 10.0	100.0	100.€	97.1	7 5 • 2	26.0	80 • C	278
				-	-			<del> </del>				
·			<del>                                     </del>			<del> </del>		<del> </del>				
	·	<b>-</b>	-			<del>                                     </del>			<del> </del>			
το	TALS	100.0	100.0	100.0	100.0	99.1	93.4	75.5	52.3	23.0	80.1	7201

USAFETAC	PORM	0-87-5 (OL A)	

HED AL CLIMATOLOGY MRANCH CHARGTAG ATH WEATHER SERVICE/MAG

# **RELATIVE HUMIDITY**

17586	MENNEDY	SPACL	CENTER FL
STATION			STATION NAME

67-70,73- 0

PERIOD

MONTH

	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN	TOTAL	
MONTH	(L S T.)	10°r	20°₊	30%	40%	50%	60%	70°.	80%	90°∘	RELATIVE	NO. OF OBS.
J.L		1.0.0	1 10 • 5	10.7.0	1:0.5	1,0.0	102.0	59.5	05.3	45.5	30 <b>.</b> ₹	735
·	.7-08	157.0	100.0	100.0	100.0	120.2	101.0	99.6	67.7	63.1	92.3	931
		1.0.0	100.0	100.7	100.0	100.0	99.7	96.7	77.5	34.9	86.8	935
<b></b>	9-11	100.0	100.0	161.0	196.8	99.3	90.4	43.8	7.6	1.2	6°.7	931
·	12-14	1 2.5	100.0	110.0	99.9	95.7	75.1	26.3	7.8	1.4	66.0	93.
	15-17	1.2.7	1:0.0	10.00	69.9	98.	85.9	47.6	17.1	5.2	71.1	931
	13-21.	100.0	100.0	16:	100.0	130.0	93.7	88.4	51.3	11.8	9:.7	930
	21-23	100.0	100.0	107.0	100.0	100.0	100.C	98.6	85.3	27.6	87.3	930
		<del></del>			-	-	+	<del>                                     </del>	-	-	<u> </u>	
			+		<del> </del>	<del>                                     </del>	+	<del> </del>			-	
i	<del></del>		<del>                                     </del>	1								
τo	TALS	1.5.0	100.6	100.0	100.0	99.2	93.9	75.1	55.0	23.8	80.5	7447

	USAFETAC	PORM JUL 64	0-87-5 (OL A)
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CLOPAL CLIMATOLOGY BRANCH CLAFETAC AL- MCATHER SERVICE/MAC

# **RELATIVE HUMIDITY**

12.56 SENNEDY SPACE CENTER FL. STATION STATION NAME	69-73,73-60 PERIOD	MONTH .
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	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE	TOTAL NO. OF
MONTH	(L.S.T.)	10°•	20°	30%	40%	50%	60%	70°∘	80°	90°∘	HUMIDITY	OBS.
<u> </u>	12-02	100.0	100.0	157.0	1~6.c	130.0	100.0	160.0	15.5	40.9	91.	<del>,</del> 3
	3-05	100.0	100.0	101.0	175.6	103.0	160.6	100.0	01.3	65.5	92.5	53
	L6-08	1.30.0	100.5	160.5	145.g	100.0	166.6	98.3	34.0	41.1	9.3."	470
	L7-11	1:0.0	100.0	100.5	170.0	103.0	96.2	51.	9.7	1.1	71.5	470
	12-14	150.0	100.0	100.0	9.9	99.0	86.7	28.9	3.5	2.3	67.5	931
	15-17	110.0	150.6	100.7	100.0	99.6	93.4	51.7	17.5	6.9	77.5	93.
	13-21	1:0.2	168.0	160.6	170.0	149.F	99.4	93.7	53.8	13.3	34.1	935
	_1-23	100.5	100.0	105.3	100.0	100.6	196.6	99.8	98.5	37.6	88.0	930
	ļ	-		<del> </del>	-				-			
	· · · ·			<del> </del>						-		
10	TALS	1.0.0	100.0	100.0	100.0	99.8	97.0	78.1	56.7	26.4	81.7	7440

USAFETAC	FORM JUL 64	0-87-5 (OL A)

CLC AL CLIMATOLOGY OPATCH C =FLTAC AC \*CATHER SERVICEZMAC

#### **RELATIVE HUMIDITY**

12,8%	PACE CENTER FL
CT 4 70041	 STATION NAME

69-76,73--0

S F O

	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN	TOTAL	
MONTH	(L S T.)	10°•	20%	30%	40%	50°,	60%	70°°	80°c	90°c	RELATIVE	NO OF OBS.
þ	.3-6.	130.3	100.0	130.0	1:5.0	160.0	105.0	99.7	61.6	46.8		900
	2-35	1:2.0	100.0	151.0	150.0	1 ~ ^ . :	104.0	99.8	25.1	59.7	\$1.7	3€
	:   5-8e	100.7	100.0	100.0	100.0	100.0	166.J	59.4	°a•£_	44.2	99.1	30.6
	7-11	100.0	100.0	100.0	1.0.0	93.9	96.3	67.9	10.0	2.0	73	900
	12-14	1.0.2	100.0	100.0	100.0	99.n	89.4	35.7	7.1	2.0	69.0	900
	13-17	1.0.0	100.0	100.0	160.0	99.9	95.3	59.1	16.3	3.0	73.2	900
•	13-2	1.5.5	100.0	1.	170.0	100.0	100.0	96.8	61.7	10.8	92.7	906
·	1-23	1.5.0	170.0	157.5	1	102.0	100.0	99.6	€3.3	27.9	97.1	900
<del></del>	· +	ļ		-		<del> </del>	-	<del></del>			-	
	<del> </del>	<u> </u>	+			<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	
,	·	-	+	+		<del> </del>					<del> </del>	
τo	TALS	138.0	100.0	107.0	100.4	99.9	97.6	81.4	57.2	24.6	82.0	7200

	USAFETAC	PORM JUL 64	0-87-5 (OL A)				
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CUCHAL CETMATRERBY BRANCH CHAPTERAC AT WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

1.7 64	KENNEDY SPACE CENTER FL	69-7: -77-50	1
		0 .0,7	
STATION	STATION NAME	PERIOD	MONTH

	HOURS		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									TOTAL
MONTH	(L.S.T.)	10°•	20%	30%	40%	50°•	60°¢	70°•	80°:	90°,	HUMIDITY	NO OF OBS.
<u> </u>	1.0-02	1 5.0	<b>1</b> :10.0	100.0	135.0	99.0	94.8	,2.7	61.3	27.1	02.3	520
	<u>1.3-05</u>	1 2.3	100.0	1	1.0.3	17.9	95.7	24.7	50.5	30.1	54.1	93.
	3.1-0.	130.0	110.6	130.3	160.0	33.4	95.1	22.2	52.5	31.9	50.0	930
	<u> 9-11</u>	100.0	100.0	100.0	99.7	94.	71.4	40.5	1 + • 3	2.7	63.	324
	12-14	100.0	100.0	50.9	97.5	39.2	55.1	26.2	c • !	3.7	63.6	93
	15-17	100.5	100.5	99.9	70.7	92.4	66.9	19.8	12.6	3.0	67.5	931
	1 = -2 :	1/1.0	100.0	104.0	190.0	99.4	91.8	73.3	46	7.2	70.0	928
	1 - 23	113.3	150.0	100.0	155.5	99.8	93.5	77.2	£4.0	14.5	7º.6	929
	+								-			
		ļ				ļ		ļ		ļ		
	-A							-	-			
10	TALS	190."	170.0	145.5	99.5	96.5	83.3	63.3	48	15.5	75.6	7435

	USAFETAC	FORM JUL 64	0-87-5 (OL A)	
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BEL AL CLIMATOLOGY PRANCH THATETAC BING ATHER SERVICIZMAC

# **RELATIVE HUMIDITY**

L. S.C.	NOVACOY SPACE CENTED FL.	<b>υ</b> <sup>6</sup> − 7 θ <b>,</b> 7 7 − α L PERIOD	MONTH

	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN	TOTAL	
MONTH	(t S T)	10%	20%	30%	40°	50%	60%	70°。	80°.	90%	RELATIVE	NO OF OBS.
: <u>^</u> :\	<u></u>	1.0.0	1:0.0	101.0	1-6.0	99.6	94.2	.5.2	71.0	37.7	7 <b>4</b>	7" (
	: 3 + ( )	1	1/2.6	10	1.70.0	99.	95.3	55.4	75.9	44.3	86.3	<b>,</b>
	د. وي- د تا	100.0	100.0	125.	1:3.3	99.7	26.0	87.1	73.1	45.3	34.3	¥25
	-11	100.0	100.0	10.	-9.5	92.9	75.9	21.0	25.3	6.2	7: 4	900
<u>-</u>	17-14	100.0	100.0	90.7	35.5	84.5	55.4	27.3	9.2	7 • ?	63.1	905
	15-17	155.7	100.L	59.€	90.3	39.2	57.9	44.4	16.5	3.9	67.5	975
	1 - 2	145.n	100.0	160.0	09.8	98.6	91.3	76.9	E 4 . 1	16.1	7 / . 9	801
	1-23	17.0.0	120.0	160.5	9.9	93.6	93.6	21.	67.	3 . 2	£2.3	ε ≥ 7
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	<u> </u>			ļ			<del> </del>	ļ	<u> </u>	-	ļ	
	******************************	-			-					-		
TC	TALS	1 10.0	100.6	96.9	98.8	95.7	84.C	67.5	56.3	23.3	77.6	7195

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#### **RELATIVE HUMIDITY**

STATION	STATION NAME	62-70,73-75	MONTH
STATION	STATION NAME	PERIOD	MONTH

	HOURS		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN											
MONTH	(LST)	10%	20°6	30°₀	40%	50° •	60%	70%	80°-	90.	RELATIVE	NO OF OBS.		
<u> </u>	12-02	1.5.	170.0	166.00	1	39.5	90.0	63.7	71.5	44.5	67.2	9.3		
	L3-05	<u> n ??•€</u>	450.0	170.	1:5.0	130.0	96.2	67.1	74.9	47.6	27	77.		
,	Lo-08	165.5	170.0	120.00	170.0	99.8	96.2	87.5	71	J .1	1.7.	936		
<b>Jan</b>	}. <b>3~11</b>	100.0	100.0	55.9	40.5	93.5	79.8	56.4	11.2	11.7	73.3	ے لا ن		
	11-14	100.0	100.0	92.5	92.3	84.1	56.6	43.5	13.5	4.3	0:03	9.7		
	1 - 17	100.0	99.9	98.3	34.4	35.¢	63.9	44.6	24.4	5.4	67.5	93"		
:	2 - 25	1.0.0	100.0	160.7	49.8	98.3	92.0	73.7	58.7	22.7	۹۱.	521		
	21-23	1:0.5	100.0	100.0	29.9	98.9	94.2	82.0	66.5	37.4	î î•é	927		
<b></b>									ļ		ļ			
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	**													
το	TALS	100.0	100.6	99.6	78.2	95.1	95.1	68.7	52.4	20.2	75.5	7434		

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# RELATIVE HUMIDITY

1 STATION RECEIVED Y	SPAC. CENTER FL.	6 ° - 7 0 , 7 3 - 5	A.I. L

	HOURS (LST)			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	REATER THAN	l		MEAN RELATIVE	TOTAL NO. OF OBS.
MONTH		10°•	20%	30%	40%	50°°	60°-	70°∘	80°c	90%	HUMIDITY	
· <u>··</u> ··	3 L L	1 2.2	1.5.4	99 <u>.2</u>	90.3	34.6	36.2	7.2 • 1	5 4 • <u>1</u>	31.7	71.1	7 44
		110.7	115.5	99.5	97.2	91.4	9	65.7	46.5	24.5	7 3	678.
		100.0	130.0	90.6	77.2	91.7	3	65.1	47.7	22.7	16.1	743.
<u>,</u>		170.0	100.0	96.4	16.7	38.9	73.6	55.7	3: • 4	17.0	72.3	7100
* * V		100.0	100.0	99.2	29.1	96.1	84.5	65.8	44.1	16.4	76.3	7430
		100.5	100.E	150.5	170.0	99.1	93.4	75.5	52.3	23.0	9 1.2	715
L		1.0.0	100.0	127.0	100.0	39.2	93.9	75.1	55.5	23.8	b. • 5	744
100		1.0.0	100.5	100.5	175.0	99.8	97.€	78.0	56.7	20.4	81.7	744
		1:0.0	100.U	100.0	130.0	99.9	97.6	61.4	57.2	24.6	ರಿ2 • ಪ	7273
. <u>. c r</u>		170.0	100.0	106.0	49.5	96.5	83.3	63.3	43	15.5	75.6	7435
\^^v_		109.0	100.0	99.9	93.8	95.2	84.6	67.5	50.3	23.3	77.6	7195
DFC.	· · · · · · · · · · · · · · · · · · ·	130.0	100.0	99.6	98.2	95.€	85.1	68.7	52.4	28.2	73.5	7434
TOT	ALS	107.00	100.0	99.8	98.7	95.6	96.6	69.4	49.8	22.7	73.5	67322

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART F

#### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

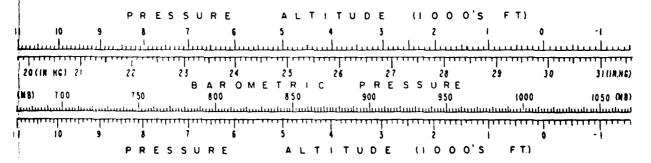
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

Station pressure is presented in the table in inches of mercury.

Sea-leve! pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1999's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

10486 KENNEDY SPACE CENTER FL 68-70,73-80

HPS . S		AN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	001	NOV	DEC	ANNUAL
	* t A >	33.0983	30.087	30.0493	C . 0422	9.9883	C.0053	0.0443	0.0362	9.9832	9.999	30.0713	0.394	30.04
. 1	5	.146	.137	.142	•131	.397	.086	.065	.070	.095	.398	.115	.130	•11
	o.v 982	3 C 8	282	309	30Q	31 <u>0</u>	30 <u>0</u>	310	<b>31</b> 0.	30 <b>0</b> .	31,0	300	310	364
	MEAN	31.0873	30.06 <b>7</b> 3	30.6243	10.0232	9.9702	9.983		0.0112	9-9612	9.9811	(0.6593		30.02
4	2 -	•146		.142				.065		.084			.131	.11
	TOTAL OB:	310											310	
	. WEAN	30.1053	30.094	30.0593		0.0053	0.015	0.0533	0.0412	9.9923		30.0853	0.101	30.05
17	1 2	•146		.142								.115		.11
	10141 DES	310										300		365
	₩!AN	30.1493		30 - 0 9 3 3				.n.a <b>753</b>	 :0.693	.cn.2n3	C.C413	30-1203	 0.143	30.08
1 -	5 2			.146								.118		.12
•		310												365
	. wear	30 <b>.1</b> 063	 30 - 096						10.0512	0.0643		36.6743	10.091	30.05
; 7	. 5			.149			-							.12
•	.1014. DBS			310										365
	₩įΔ>,	36.6723	30.055	30.0213	80.0202	29.9712	9.987	0.0263	0.0152	9.9552	9.9793	30.0493	0.068	30.C1
16	. :	.152	.147	.153	.141	.104	.087	.070	.070	.087	.103	.122	.137	•12
	1014. OBS	310	292	310	300	310	300	310	310	300	310	300	31 <u>C</u>	365
	MEAN	30.0943	30.071	30.0323	0.0262	9.9752	9.993	0.0313	0.0202	9.9672	9.9973	30.0693	0.091	30.03
19	5 5	.148	.142	.150	.139	.101	.086	.C67	.069	.090	.101	.119	.135	.12
	.C.41 085	313	232	310	299	31C	300	310	310	300	309	299.	309.	364
	włan	30.1153	36.098	30.0633	80.0563	30.0063	0.021	80.0573	0.0502	9.9983	6.0213	30.0903	0.108	30.05
. 2	5.5	.146	.138	.143	.134	.098	.084	.065	.069	.106	.099	.117	.136	•12
	TOTAL OBS	310	282	310	300	310	300	31C	31C	300	310	299	308	364
	MEAN	30.103	30.087	30.0513	30.0472	9.9943	0.0083	0.0463	0.0372	9.9843	C.0043	30.0773	0.097	30.C4
HOUPS	. 2	.149	.142	.147	.137	.101	.087	.069	.073	.091	.102	.119	.134	.12
	TOTAL OBS	2478	2256	2477	2399	2479	2466	2480	2480	2400.	2479	2398	24771	2920

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GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICL/MAC

#### MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

12 886 AENNEDY SPACE CENTER FL 68-70,73-80

4R5 . 5		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	1319.91	1019.5	1018.2	1017.9	1016-11	1616.7	1018.0	1017.7	1015.9	1016.5	1318.9	1019.7	1017.9
1	٠.	4.956	4.608	4.799	4.419	3.264	2.868	2.155	2.345	3.215	3.317	3.904	4.407	4.617
	. "D"AL OBS	31 6	282	309.	3 ∩ <b>©</b> ,	310.	3.C O.	310	310	300	310	300.	310	3651
	. MEAN	1019.5	1018.8	1017.3	101 <b>7.</b> 3	1015.51	1015.9	1017.3	1616.9	1015.2	1615.9	1018.5	1019-3	- 1017.3
34	< :			4.789										4.014
	TOTAL OBS_				300			310	-				. 310	
	. WEAN	1020.11	1019.7	1018.5	1018.5	1016.7	1217.0	1018.3	1017.9	1016.2	1616.9	1019.4	1019.9	 1018.3
£7	5 %			4.767									_	3.979
	1014L 085_	310	282	309.	300	310	300	315	310.	300	31C	300	315	3651
	MEAN	1021.61	1021.0	1019.6	1019.4	1017.41	1617.7	1019.0	1018.8	1017.2	1017.9	1020.6	 1021.4	1619.3
1:	S D			4.905							-			4.114
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1019.91		1018.7	1018.6	1016.81	1017.2	1018.5	1018.2	1016 3	1016-7	1019.0	1010.6	1018.3
13	S D			5.026										4.122
	TOTAL OBS		_	310									310	3652
-	MEAN	1019.0	1018.4	1017.2	1017.2	1015-5	1/116.1	1017-4	1017-0	1015-0	1015.8	1018-2	1018.8	1017.1
16	5 D			5.144										4.186
	TOTAL OBS	310.	232	310	300	310	300	310	310	299.	310	300	310	3651
	MEAN	1019.7	1018.9	1017.6	1017.4	1015.71	1016.3	1017.5	1017.2	1015.41	1016.4	1018.9	1019.6	1017.5
19	5 D	5.032	4.779	5.037	4.682	3.397	2.883	2.258	2.317	3.050	3.410	4.025	4.563	4.150
	TOTAL OBS	310	282	310	<b>299</b> .	310	300	310	310	300	309	299	309	3648
	MEAN	1020.41	1019.8	1018.6	1018.4	1016.7	1017.2	1018.4	1018.2	1016.4	017.2	1019.6	1020.2	1018.4
22	S D	4.965	4.653	4.829	4.498	3.289	2.809	2.151	2.316	3.604	3.340	3.952	4.457	4.052
	TOTAL OBS	305	282	310.	300	310,	300	310	310	299.	310	299	306	3641
****	MEAN	1026.0	1019.5	1018.2	018.1	1016.31	1016.8	1018.1	1017.7	1016.01	016.6	1019.1	1019.8	1018.0
HOURS	5 D		4.783	4.967	4.610	3.402	2.935	2.274	2.448	3.096	3.442	4.030	4.546	4.133
	TOTAL OBS	2475	2256	2477	2399	2480.	2400	2480	2480	2398	2479	2398	2475	29197

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